

Lactoperoxidase

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Lactoperoxidase is a peroxidase enzyme found in milk.



Recent Publications on Lactoperoxidase:

- [Intramolecular Electron Transfer versus Substrate Oxidation in Lactoperoxidase: Investigation of Radical Intermediates by Stopped-Flow Absorption Spectrophotometry and \(9-285 GHz\) Electron Paramagnetic Resonance Spectroscopy.](#)
We have combined the information obtained from rapid-scan electronic... 21st August, 2008
- Biochemistry. 2008 Aug 20. ([DOI Direct Link](#))
- [Interaction of methimazole with I₂: X-ray crystal structure of the charge transfer complex methimazole-I₂. implications for the mechanism of action of methimazole-based antithyroid drugs.](#)
The antithyroid drug methimazole (MMI) reacts with molecular iodine to... 13th August, 2008
Dipartimento di Chimica Inorganica ed Analitica, Universita degli Studi di- J Med Chem. 2008 Jul 10;51(13):4050-3. Epub 2008 Jun 5. ([DOI Direct Link](#))
- [Production of hydrogen peroxide by a small molecular mass compound in milk from Holstein cows with high and low milk somatic cell count.](#)
Mastitis is the most frequent and prevalent production disease in dairy... 6th August, 2008
Department of Animal Breeding, The Graduate School of Agricultural and- J Dairy Res. 2008 Aug;75(3):335-9. ([DOI Direct Link](#))
- [Thiocyanate concentration in saliva of cystic fibrosis patients.](#)
Thiocyanates (SCN⁻) are ubiquitous in nature. There are indispensable part... 5th August, 2008
Department of Lung Diseases and Tuberculosis, Medical University of- Folia Histochem Cytobiol. 2008;46(2):245-6. ([DOI Direct Link](#))
- [The whitening effect of enzymatic bleaching on tetracycline.](#)
OBJECTIVE: Carbamide peroxide and hydrogen peroxide have been used as... 19th July, 2008
Research Group on Community Nutrition and Oxidative Stress, Research- J Dent. 2008 Jul 15. ([DOI Direct Link](#))
- [In vitro stimulatory effect of anti-apoptotic seminal vesicle protein 4 on purified peroxidase enzymes.](#)
The enzymatic activities of purified horseradish peroxidase,... 12th July, 2008
Institute of Genetics and Biophysics "Adriano Buzzati-Traverso", CNR,- FEBS J. 2008 Aug;275(15):3870-83. Epub 2008 Jul 4. ([DOI Direct Link](#))
- [How to prevent immunological reactions in leprosy patients and interrupt transmission of Mycobacterium leprae to healthy subjects: Two hypotheses.](#)
The basis of World Health Organization strategy for leprosy elimination is... 11th July, 2008
Department of Environmental Medicine and Public Health, Padova University- Med Hypotheses. 2008 Jul 7. ([DOI Direct Link](#))

- [Effects of orally administered bovine lactoperoxidase on dextran sulfate sodium-induced colitis in mice.](#)
*The effect of lactoperoxidase (LPO) on dextran sulfate sodium-induced...*8th July, 2008
Food Science & Technology Institute, Morinaga Milk Industry Co, Ltd, Zama,- Biosci Biotechnol Biochem. 2008 Jul;72(7):1932-5. Epub 2008 Jul 7.
- [Heme peroxidase-catalyzed iodination of human angiotensins and the effect of iodination on Angiotensin converting enzyme activity.](#)
*The heme peroxidase-catalyzed iodination of human angiotensins I and II is...*5th July, 2008
Department of Inorganic & Physical Chemistry, Indian Institute of Science,- Inorg Chem. 2008 Aug 4;47(15):6569-71. Epub 2008 Jul 4. ([DOI Direct Link](#))
- [Probiotic bacteria affect the composition of salivary pellicle and streptococcal adhesion in vitro.](#)
*INTRODUCTION: The use of probiotic bacteria is increasing worldwide and at...*28th June, 2008
Postgraduate School of Oral Health Sciences, Institute of Dentistry,- Oral Microbiol Immunol. 2008 Aug;23(4):336-43. ([DOI Direct Link](#))
- [Challenge testing the lactoperoxidase system against a range of bacteria using different activation agents.](#)
*Lactoperoxidase (LP) exerts antimicrobial effects in combination with...*21st June, 2008
Department of Food Biosciences, University of Reading, Whiteknights,- J Dairy Sci. 2008 Jul;91(7):2566-74. ([DOI Direct Link](#))
- [Semiquinone radicals from oxygenated polychlorinated biphenyls: electron paramagnetic resonance studies.](#)
*Polychlorinated biphenyls (PCBs) can be oxygenated to form very reactive...*14th June, 2008
Department of Occupational and Environmental Health, The University of- Chem Res Toxicol. 2008 Jul;21(7):1359-67. Epub 2008 Jun 13. ([DOI Direct Link](#))
- [Oxidative innate immune defenses by Nox/Duox family NADPH oxidases.](#)
*The importance of reactive oxygen species (ROS) in innate immunity was...*31st May, 2008
Molecular Defense Section, Laboratory of Host Defenses, National Institute- Contrib Microbiol. 2008;15:164-87. ([DOI Direct Link](#))
- [Generation of nitroxyl by heme protein-mediated peroxidation of hydroxylamine but not N-hydroxy-L-arginine.](#)
*The chemical reactivity, toxicology, and pharmacological responses to...*28th May, 2008
Tumor Biology Section, Radiation Biology Branch, National Cancer- Free Radic Biol Med. 2008 Sep 1;45(5):578-84. Epub 2008 May 3. ([DOI Direct Link](#))
- [Iodination of soluble and membrane-bound proteins.](#)
*Coupling of radioactive (125)I to soluble proteins is a critical step in a...*20th May, 2008
National Institute of Child Health and Human Development, Bethesda,- Curr Protoc Immunol. 2001 May;Chapter 8:Unit 8.11. ([DOI Direct Link](#))

Lactoperoxidase Patents:



- 7320887- [Alkaline protease variants](#)
- 7348154- [IGF binding proteins](#)
- 7351545- [IGF binding proteins](#)
- 7354569- [Chewable antiplaque confectionery dental composition](#)
- 7354956- [Composition containing a sapogenin and use thereof](#)

- [7358052- Catalytic amplification of multiplexed assay signals](#)
- [7358231- Pancreatic cancer secreted targets and uses thereof](#)
- [7364731- Polypeptide variants](#)
- [7364872- Test methods using enzymatic deposition and alteration of metals](#)
- [7365159- Angiostatin protein](#)
- [7365166- Anti-VEGF antibodies](#)
- [7344840- Tissue analysis and kits therefor](#)
- [7344829- Methods for detecting the efficacy of anticancer treatments](#)
- [7344724- UspA1 and UspA2 antigens of Moraxella catarrhalis](#)
- [7323541- Polypeptide DNA thereof and use of the same](#)
- [7326775- Treatments for contaminant reduction in lactoferrin preparations and lactoferrin-containing compositions](#)
- [7332270- Diagnosis of disease state using mRNA profiles in peripheral leukocytes](#)
- [7332297- Enzymatic polymerization](#)
- [7332332- Buffer solution for electroporation and a method comprising the use of the same](#)
- [7332581- Polypeptide variants with altered effector function](#)
- [7332591- Bardet-Biedl susceptibility gene and uses thereof](#)
- [7335742- Polypeptide variants with altered effector function](#)
- [7338799- Polynucleotide encoding a mouse choline transporter](#)
- [7342099- cDNA encoding a gene BOG \(B5T over-expressed gene\) and its protein product](#)
- [7365178- Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- [7368141- Process of isolating lactoferrin](#)
- [7393657- Diagnosis and treatment of cancer: I](#)
- [7396533- Polypeptides and nucleic acids encoding same](#)
- [7402317- Anti-cancer vaccine](#)
- [7402397- Detecting and profiling molecular complexes](#)
- [7402398- Measuring receptor homodimerization](#)
- [7402399- Receptor tyrosine kinase signaling pathway analysis for diagnosis and therapy](#)
- [7402666- Nucleotide encoding canine 5T4 antigen](#)
- [7413759- Method of enhancing cognitive ability in infant fed DHA containing baby-food compositions](#)
- [7416727- Polypeptide variants with altered effector function](#)
- [7416869- Enzyme delivery systems, application in water based products](#)
- [7387779- Anti-angiogenic proteins and fragments and methods of use thereof](#)
- [7384912- Treatment of bone disorders with skeletal anabolic drugs](#)
- [7384909- Anti-viral treatment methods using phosphatidylethanolamine-binding peptides linked to anti-viral agents](#)
- [7368543- Diagnosis and treatment of hepatic disorders](#)
- [7371376- Anti-ErbB2 antibodies](#)
- [7371540- Gene expression control DNA element and associated protein](#)
- [7371826- Polypeptide variants with altered effector function](#)
- [7375074- Body weight gain inhibitor](#)
- [7375080- Immobilized lactoferrin \(Im-LF\) antimicrobial agents and uses thereof](#)
- [7375193- Anti-VEGF antibodies](#)
- [7378123- Methods involving whey protein isolates](#)
- [7378386- Anti-viral treatment methods using phosphatidylethanolamine-binding peptide derivatives](#)
- [7384632- Agonist anti-trk-C monoclonal antibodies](#)
- [7417178- Expression of human milk proteins in transgenic plants](#)

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