

Enoyl-Coa Hydratase

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Recent Publications on Enoyl-Coa Hydratase:



- [Clp and RpfF up-regulate transcription of pelA1 gene encoding the major pectate lyase in Xanthomonas campestris pv. campestris.](#)
Exopolysaccharide and several extracellular enzymes of Xanthomonas... 17th November, 2009
Department of Medical Laboratory Science and Biotechnology, Central Taiwan- J Agric Food Chem. 2009 Jul 22;57(14):6207-15. ([DOI Direct Link](#))
- [Crystal structures of human CDY proteins reveal a crotonase-like fold.](#)
Polyhydroxyalkanoates (PHA) terpolyesters P(3HB-co-3HV-co-3HHx) consisting... 13th November, 2009
Structural Genomics Consortium, University of Toronto, Toronto, Ontario,- Proteins. 2009 Sep;76(4):1054-61. ([DOI Direct Link](#))
- [Crystal structure of phenylacetic acid degradation protein PaaG from Thermus thermophilus HB8.](#)
Microbial degradation of phenylacetic acid proceeds via the hybrid pathway... 13th November, 2009
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- [Two novel HADHB gene mutations in a Korean patient with mitochondrial trifunctional protein deficiency.](#)
Mitochondrial trifunctional protein (MTP) is a heterocomplex composed of 4... 3rd November, 2009
Department of Laboratory Medicine & Genetics, Sungkyunkwan University- Ann Clin Lab Sci. 2009 Fall;39(4):399-404.
- [Biosynthesis and characterization of 3-hydroxyalkanoate terpolyesters with adjustable properties by Aeromonas hydrophila.](#)
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Multidisciplinary Research Center, Shantou University, Shantou 515063,- Biotechnol Bioeng. 2009 Oct 15;104(3):582-9. ([DOI Direct Link](#))
- [Peroxisomal and mitochondrial status of two murine oligodendrocytic cell lines \(158N, 158JP\): potential models for the study of peroxisomal disorders associated with dysmyelination processes.](#)
In some neurodegenerative disorders (leukodystrophies) characterized by... 10th October, 2009
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- [Multimerization and H3K9me3 binding is required for CDYL1b heterochromatin association.](#)
Proteins containing defined recognition modules mediate readout and... 8th October, 2009
Max Planck Institute for Biophysical Chemistry, Germany;- J Biol Chem. 2009 Oct 5. ([DOI Direct Link](#))

- [Application of the SILAC \(stable isotope labelling with amino acids in cell culture\) technique in quantitative comparisons for tissue proteome expression.](#)
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West China Hospital, Sichuan University, Chengdu, People's Republic of- Biotechnol Appl Biochem. 2009 Jul 6;54(1):11-20. ([DOI Direct Link](#))
- [Structural and biophysical characterization of BoxC from Burkholderia xenovorans LB400: a novel ring-cleaving enzyme in the crotonase superfamily.](#)
*The mineralization of aromatic compounds by microorganisms relies on a...*21st August, 2009
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- [3-hydroxypropionyl-coenzyme A dehydratase and acryloyl-coenzyme A reductase, enzymes of the autotrophic 3-hydroxypropionate/4-hydroxybutyrate cycle in the Sulfolobales.](#)
*A 3-hydroxypropionate/4-hydroxybutyrate cycle operates in autotrophic...*16th July, 2009
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- [Perfluorooctane sulfonate \(PFOS\) toxicity in domestic chicken \(Gallus gallus domesticus\) embryos in the absence of effects on peroxisome proliferator activated receptor alpha \(PPARalpha\)-regulated genes.](#)
*Perfluorooctane sulfonate (PFOS) is a widely distributed industrial...*11th July, 2009
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- [\[Preparation and identification of monoclonal antibody against enoyl-CoA hydratase 1\]](#)
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- [\[Peroxisomal D-bifunctional enzyme deficiency. A case report\]](#)
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- [Improving protein extraction and separation methods for investigating the metaproteome of anaerobic benzene communities within sediments.](#)
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Department of Proteomics, Helmholtz Centre for Environmental Research-UFZ,- Biodegradation. 2009 Nov;20(6):737-50. Epub 2009 Apr 21. ([DOI Direct Link](#))

Enoyl-Coa Hydratase Patents:



- 7129395- [OAR polynucleotides, polypeptides and their use in PHA production in plants](#)
- 7238512- [Method to produce para-hydroxybenzoic acid in the stem tissue of green plants by using a tissue-specific promoter](#)

- 7253342- [Increased wax production in plants](#)
- 7273614- [Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides useful for treating aids](#)
- 7276361- [Method for producing biodegradable polyester](#)
- 7303911- [Prostate cell lines](#)
- 7320675- [Method and apparatus for modulating cellular metabolism during post-ischemia or heart failure](#)
- 7321056- [Selective peroxisome proliferator activated receptor modulators](#)
- 7332310- [Mutant of homoserine dehydrogenase from Corynebacterium and DNA encoding thereof](#)
- 7341856- [Production of polyhydroxyalkanoate in plants](#)
- 7348410- [Flea head, nerve cord, hindgut and malpighian tubule proteins](#)
- 7229760- [mRNA amplification](#)
- 7217810- [High level production of arbutin in green plants and microbes](#)
- 7195890- [Methods and compositions for modulating proteins modified in preconditioning against ischemia/hypoxia](#)
- 7135326- [UDP-glucosyltransferases](#)
- 7135618- [Sugar and lipid metabolism regulators in plants III](#)
- 7153667- [Discrete acyltransferases associated with type I polyketide synthases and methods of use](#)
- 7160921- [Reduction of hair growth](#)
- 7176349- [Production of polyhydroxyalkanoate in plants](#)
- 7183087- [Process for preparing polyhydroxyalkanoate employing maoC gene](#)
- 7186513- [Methods for monitoring multiple gene expression](#)
- 7186541- [3-hydroxypropionic acid and other organic compounds](#)
- 7192716- [Organ transplant rejection and associated conditions](#)
- 7193069- [Full-length cDNA](#)
- 7361807- [OAR polynucleotides, polypeptides and their use in PHA production in plants](#)
- 7365160- [Mutated constitutively active nuclear orphan receptor](#)
- 7469185- [Primary rat hepatocyte toxicity modeling](#)
- 7494642- [Method for monitoring blood flow and metabolic uptake in tissue with radiolabeled alkanolic acid](#)
- 7494798- [Bacillus licheniformis chromosome](#)
- 7504556- [Transgenic systems for the manufacture of poly\(2-hydroxy-butyrate-co-3-hydroxyhexanoate\)](#)
- 7514397- [Methods for inhibition of membrane-fusion-associated events, including Hepatitis B virus transmission](#)
- 7524659- [Isogenic strain line of bacterium for producing polyhydroxyalkanoate in which polyhydroxyalkanoate synthase gene is disrupted and method for producing polyhydroxyalkanoate using the same](#)
- 7527963- [Acetyl-CoA acyltransferase gene disrupted bacterium for producing polyhydroxyalkanoate and method for producing polyhydroxyalkanoate using the same](#)
- 7590493- [Methods for determining hepatotoxins](#)
- 7598031- [Method for the detection of gene transcripts in blood and uses thereof](#)
- 7599933- [Coupled two-way clustering analysis of data](#)
- 7456002- [Mutant poly\(3-hydroxyalkanoic acid\) synthases](#)
- 7455999- [Transgenic systems for the manufacture of poly \(3-hydroxy-butyrate-co-3-hydroxyhexanoate\)](#)
- 7452693- [Discrete acyltransferases associated with type I polyketide synthases and methods of use](#)
- 7365178- [Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- 7368270- [Human phospholipases](#)
- 7393540- [Mycobacterial antigens expressed during latency](#)
- 7393676- [3-Hydroxypropionic acid and other organic compounds](#)
- 7415358- [Molecular toxicology modeling](#)
- 7417071- [Antioxidant triacylglycerols and lipid compositions](#)
- 7426441- [Methods for determining renal toxins](#)
- 7429469- [Enzyme gene participating in the synthesis of polyester and process for producing polyester using the same](#)

- 7435556- [Method for increasing the ratio of p-hydroxybenzoic acid ester glucoside to total p-hydroxybenzoic acid glucose conjugates in p-hydroxybenzoic acid-producing microorganisms and green plant cells](#)
- 7442500- [Methods of diagnosing susceptibility to obesity](#)
- 7605005- [Method of screening for agents that modulate Tysnd1 level or activity in a cell.](#)

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