

Eif-2 Kinase

[View the current Eif-2 Kinase InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Eif-2_Kinase.html)

(http://www.bioportfolio.com/indepth/Eif-2_Kinase.html)



Recent Publications on Eif-2 Kinase:

- [Effect of pioglitazone treatment on endoplasmic reticulum stress response in human adipose and in palmitate-induced stress in human liver and adipose cell lines.](#)
Obesity and elevated cytokine secretion result in a chronic inflammatory... 1st October, 2008
Endocrinology Section, Medicine and Research Services, Central Arkansas- Am J Physiol Endocrinol Metab. 2008 Aug;295(2):E393-400. Epub 2008 Jun 10. ([DOI Direct Link](#))
- [Cigarette smoke selectively enhances viral PAMP- and virus-induced pulmonary innate immune and remodeling responses in mice.](#)
Viral infections have more severe consequences in patients who have been... 26th September, 2008
Section of Pulmonary and Critical Care Medicine, Department of Internal- J Clin Invest. 2008 Aug;118(8):2771-84. ([DOI Direct Link](#))
- [Molecular cloning, characterization and expression analysis of the PKZ gene in rare minnow *Gobiocypris rarus*.](#)
Double-stranded RNA-activated protein kinase (PKR) plays an important role... 26th September, 2008
State Key Laboratory of Freshwater Ecology and Biotechnology, Institute of- Fish Shellfish Immunol. 2008 Jul;25(1-2):106-13. Epub 2008 Mar 18. ([DOI Direct Link](#))
- [Preventive and curative effects of cyclophosphamide in an animal model of Guillain Barre syndrome.](#)
The immunosuppressive agent cyclophosphamide (CY) was tested in rat... 25th September, 2008
Department of Biomedical Sciences, Section of Clinical Pathology and- J Neuroimmunol. 2008 May 30;196(1-2):107-15. Epub 2008 May 2. ([DOI Direct Link](#))
- [Induction of apoptosis in human cancer cells by candidaspongiolide, a novel sponge polyketide.](#)
BACKGROUND: Candidaspongiolide (CAN), a novel polyketide from a marine... 19th September, 2008
Tumor Hypoxia Laboratory, SAIC-Frederick, Inc., National Cancer Institute,- J Natl Cancer Inst. 2008 Sep 3;100(17):1233-46. Epub 2008 Aug 26. ([DOI Direct Link](#))
- [Coping with the stress: expression of ATF4, ATF6, and downstream targets in organs of hibernating ground squirrels.](#)
Perturbation of the endoplasmic reticulum (ER) protein folding apparatus... 11th September, 2008
Institute of Biochemistry and Department of Biology, Carleton University,- Arch Biochem Biophys. 2008 Sep 1;477(1):77-85. Epub 2008 May 25. ([DOI Direct Link](#))
- [Elucidation of the heme binding site of heme-regulated eukaryotic initiation factor 2alpha kinase and the role of the regulatory motif in heme sensing by spectroscopic and catalytic studies of mutant proteins.](#)
Heme-regulated eukaryotic initiation factor 2alpha (eIF2alpha) kinase... 20th August, 2008
Institute of Multidisciplinary Research for Advanced Materials, Tohoku- J Biol Chem. 2008 Jul 4;283(27):18782-91. Epub 2008 May 1. ([DOI Direct Link](#))

- [Increased susceptibility of breast cancer cells to stress mediated inhibition of protein synthesis.](#)
*Protein synthesis is a tightly controlled process, and its deregulation...*19th August, 2008
Department of Obstetrics and Gynecology, David Geffen School of Medicine- Cancer Res. 2008 Jun 15;68(12):4862-74. ([DOI Direct Link](#))
- [Hepatocyte growth factor exerts its anti-inflammatory action by disrupting nuclear factor-kappaB signaling.](#)
*Renal inflammation, characterized by the influx of inflammatory cells, is...*30th July, 2008
Department of Pathology, University of Pittsburgh School of Medicine,- Am J Pathol. 2008 Jul;173(1):30-41. Epub 2008 May 23. ([DOI Direct Link](#))
- [Antagonizing activity of vaccinia virus E3L against human interferons in Huh7 cells.](#)
*The E3L protein of vaccinia virus (VV) is well known for its capacity to...*29th July, 2008
Department of Medical Microbiology and Infectious Diseases, University of- Virology. 2008 Jul 20;377(1):124-32. Epub 2008 May 27. ([DOI Direct Link](#))
- [Small interfering RNAs induce macrophage migration inhibitory factor production and proliferation in breast cancer cells via a double-stranded RNA-dependent protein kinase-dependent mechanism.](#)
*Small interfering RNAs (siRNAs) represent a novel tool to induce gene...*19th July, 2008
School of Medicine and Medical Science, College of Life Sciences,- J Immunol. 2008 Jun 1;180(11):7125-33.
- [Interferon-inducible antiviral effectors.](#)
*Since the discovery of interferons (IFNs), considerable progress has been...*18th July, 2008
Monash Institute of Medical Research, Monash University, Clayton, Victoria- Nat Rev Immunol. 2008 Jul;8(7):559-68. ([DOI Direct Link](#))
- [Functional domains and the antiviral effect of the double-stranded RNA-dependent protein kinase PKR from *Paralichthys olivaceus*.](#)
*The double-stranded RNA (dsRNA)-dependent protein kinase PKR is thought to...*17th July, 2008
State Key Laboratory of Freshwater Ecology and Biotechnology, Institute of- J Virol. 2008 Jul;82(14):6889-901. Epub 2008 Apr 30. ([DOI Direct Link](#))
- [Microarray analysis of thapsigargin-induced stress to the endoplasmic reticulum of mouse osteoblasts.](#)
*Activating transcription factor 4 (ATF4) protein has a dual role in...*2nd July, 2008
Department of Biomedical Engineering, Indiana University-Purdue- J Bone Miner Metab. 2008;26(3):231-40. Epub 2008 May 11. ([DOI Direct Link](#))
- [Dual function of pancreatic endoplasmic reticulum kinase in tumor cell growth arrest and survival.](#)
*Pancreatic endoplasmic reticulum kinase (PERK)-eIF2 alpha signaling, a...*11th June, 2008
Department of Biomedical Sciences, School of Public Health, Center for- Cancer Res. 2008 May 1;68(9):3260-8. ([DOI Direct Link](#))

Eif-2 Kinase Patents:



- 7198929- [14790, a novel protein kinase molecule and uses therefor](#)
- 6864078- [14790, novel protein kinase molecule and uses therefor](#)
- 5888796- [Clone of a nucleotide sequence encoding a protein having two functions](#)
- 5885820- [Clone of a nucleotide sequence encoding a protein having two functions](#)
- 5670330- [Anti-tumor agent assay using PKR](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

