

Active Recombinant Mouse Pim3, GST-tagged

Cat. No. Pim3-1081M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length mouse PIM3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Mouse
Source	Sf9 Cells
ProteinLength	Full Length
Description	PIM3 or pim-3 oncogene belongs to a family of protooncogenes that encode serine/threonine protein kinases. Pim-3 expressed in hepatocellular carcinoma development and plays a main role in the proliferation of human hepatoma cell lines. Pim-3 also expressed in human pancreatic cancer cell and phosphorylates BAD to block Bad-mediated apoptosis in human pancreatic cancer cell lines.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	785 nmol/min/mg
Molecular Mass	~63 kDa
Purity	>90%
Applications	Kinase Assay; Western Blot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	1 yr at -70oC from date of shipment.
Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul
GENE INFORMATION	
Gene Name	Pim3?proviral integration site 3 [?Mus musculus?(house mouse)]
Official Symbol	Pim3
Synonyms	Pim3; proviral integration site 3; Kid1; BC026639; serine/threonine-protein kinase pim-3; KID-1/kinase induced by depolarization; NP_663453.1; EC 2.7.11.1
Gene ID	223775
mRNA Refseq	NM_145478
Protein Refseq	NP_663453
UniProt ID	P58750
Chromosome Location	15 E3; 15
Function	ATP binding; kinase activity; protein binding; protein serine/threonine kinase activity

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