Recombinant Human PIM3 protein, His & T7-tagged

Cat. No. PIM3-1461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIM3 aa. (Met1~Leu326 (Accession # Q86V86)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu326
Description	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is overexpressed in hematological and epithelial tumors and is associated with MYC coexpression. It plays a role in the regulation of signal transduction cascades, contributing to both cell proliferation and survival, and provides a selective advantage in tumorigenesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

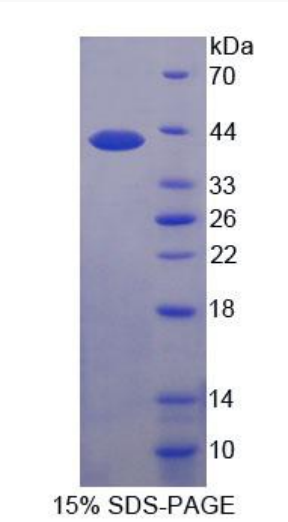
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	5.8

GENE INFORMATION

Gene Name	PIM3 Pim-3 proto-oncogene, serine/threonine kinase [Homo sapiens (human)]
Official Symbol	PIM3
Synonyms	PIM3; Pim-3 proto-oncogene, serine/threonine kinase; pim-3; serine/threonine-protein kinase pim-3; pim-3 oncogene; serine/threonine kinase Pim-3
Gene ID	415116
mRNA Refseq	NM_001001852.3
Protein Refseq	NP_001001852.2
UniProt ID	Q86V86

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

SDS-PAGE	 15% SDS-PAGE

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