

Recombinant Human PIM3 Protein (L2-L326), GST tagged

Cat. No. PIM3-0924H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-GG-PIM3(L2-L326 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	L2-L326
Description	Proto-oncogene with serine/threonine kinase activity that can prevent apoptosis, promote cell survival and protein translation. May contribute to tumorigenesis through: the delivery of survival signaling through phosphorylation of BAD which induces release of the anti-apoptotic protein Bcl-X(L), the regulation of cell cycle progression, protein synthesis and by regulation of MYC transcriptional activity. Additionally to this role on tumorigenesis, can also negatively regulate insulin secretion by inhibiting the activation of MAPK1/3 (ERK1/2), through SOCS6. Involved also in the control of energy metabolism and regulation of AMPK activity in modulating MYC and PPARGC1A protein levels and cell growth.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	PIM3 pim-3 oncogene [Homo sapiens (human)]
Official Symbol	PIM3
Synonyms	PIM3; pim-3 oncogene; serine/threonine-protein kinase pim-3; serine/threonine kinase Pim-3; pim-3;
Gene ID	415116
mRNA Refseq	NM_001001852
Protein Refseq	NP_001001852
MIM	610580
UniProt ID	Q86V86

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