

Recombinant Human PIM2

Cat. No. PIM2-29589TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length PIM2 protein (Human), was expressed by baculovirus in Sf9 insect cells using a N-terminal tag, MW 61kDa.
Species	Human
Description	This gene encodes a protooncogene that acts as a serine/threonine protein kinase. Studies determined the encoded protein functions to prevent apoptosis and to promote cell survival.
Tissue specificity	Highly expressed in hematopoietic tissues, in leukemic and lymphoma cell lines, testis, small intestine, colon and colorectal adenocarcinoma cells. Weakly expressed in normal liver, but highly expressed in hepatocellular carcinoma tissues.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PIM subfamily. Contains 1 protein kinase domain.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	PIM2 pim-2 oncogene [Homo sapiens]
Official Symbol	PIM2
Synonyms	PIM2; pim-2 oncogene; serine/threonine-protein kinase pim-2;
Gene ID	11040
mRNA Refseq	NM_006875
Protein Refseq	NP_006866
MIM	300295
Uniprot ID	Q9P1W9
Chromosome Location	Xp11.23
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem;
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity;

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