

Recombinant Human PIM3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIM3-3656H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIM3 MS Standard C13 and N15-labeled recombinant protein (NP_001001852) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	35.7 kDa
AA Sequence	<p>MLLSKFGSLAHLCPGGVDHLPVKILQPAKADKESFEKAYQVGAVLGSGGFGTVYA</p> <p>GSRIADGLPVAVKHVVKERVTEWGS LGGATVPLEVVLLRKVGAAGGARGVIRLLDW</p> <p>FERPDGFLLVLERPEPAQDLDFDITERGALDEPLARRFFAQVLA AVRHCHSCGVVHR</p> <p>DIKDENLLVDLRSGELKLIDFGSGALLKDTVYTD FDGTRVYSPPEWIRYHRYHGRSA</p> <p>TVWSLGVLLYDMVCGDIPFEQDEEILRGRLLFRRRV SPECQQLIRWCLSLRP SERPS</p> <p>LDQIAAHPWMLGADGGAPESCDLRLCTLD PDDVASTSSSESLTRTRPLEQKLISEE</p> <p>DLAANDILDYKDDDDKV</p>
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

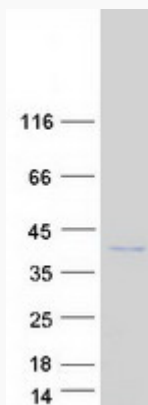
GENE INFORMATION

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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SDS-PAGE

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