

## Product datasheet for PH312690

### PIM3 (NM\_001001852) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PIM3 MS Standard C13 and N15-labeled recombinant protein (NP_001001852)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212690
Predicted MW:	35.7 kDa
Protein Sequence:	>RC212690 representing NM_001001852 Red=Cloning site Green=Tags(s)  MLLSKFGSLAHLCPGGVDHLPVKILQPAKADKESFEKAYQVGAVLGSGGFGTVYAGSRIADGLPVAVKH YVKERVTEWGSLLGGATVPLEVLLRQVGAAGGARGVIRLLDWFERPFGFLLVLERPEPAQDLDFDITERG ALDEPLARRFFAQVLAAYVRHCHSCGVVHRDIKDENLLVDLRSGELKLIDFGSGALLKDTVYTDGTRVY SPPEWIRYHRYHGRSATVWSLGVLLYDMVCGDIPFEQDEEILRGRLFRRRVSPECQQLIRWCLSLRPE RPSLDQIAAHPWMLGADGGAPESCDLRLCTLDPDDVASTSSSESL  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001001852</a>
RefSeq Size:	2392
RefSeq ORF:	978
Synonyms:	pim-3
Locus ID:	415116



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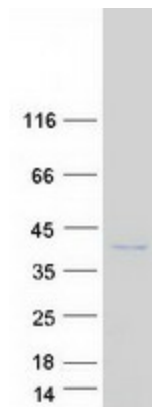
UniProt ID: [Q86V86](#)

Cytogenetics: 22q13.33

**Summary:** 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. [provided by RefSeq, Jun 2012]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified PIM3 protein (Cat# [TP312690]). The protein was produced from HEK293T cells transfected with PIM3 cDNA clone (Cat# [RC212690]) using MegaTran 2.0 (Cat# [TT210002]).