

Product datasheet for TP312690

PIM3 (NM_001001852) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pim-3 oncogene (PIM3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212690 representing NM_001001852 Red =Cloning site Green =Tags(s)
	<p>MLLSKFGSLAHLCPGGVDHLPVKILQPAKADKESFEKAYQVGAVLGSGGGFGTVYAGSRIADGLPVAVKH VVKERVTEWGSLLGGATVPLEVVLLRKYGAAGGARGVIRLLDWFERPDPGFLVLERPEPAQDLDFITERG ALDEPLARRFFAQVLA AVRHC HSCGVVHRDIK DENLLVDLRSGELKLIDFGSGALLKDTVYTD FDFGTRVY SPPEWIRYHRYHGRSATVWSLGVLLYDMVCGDIPFEQDEEILRGRLFRRRVSPECQQLIRWCLSLRPSE RPSLDQIAAHPWMLGADGGAPESCDLRLCTLDPDDVASTTSSSES</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	35.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001001852</u>
Locus ID:	415116



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UniProt ID: [Q86V86](#)

RefSeq Size: 2392

Cytogenetics: 22q13.33

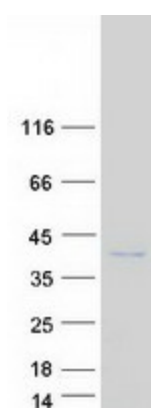
RefSeq ORF: 978

Synonyms: pim-3

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]).