

Product datasheet for PH301933

PIM2 (NM_006875) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PIM2 MS Standard C13 and N15-labeled recombinant protein (NP_006866)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201933
Predicted MW:	34.2 kDa
Protein Sequence:	>RC201933 protein sequence Red=Cloning site Green=Tags(s) MLTKPLQGPPAPPPTPTPPPGGKDREAFEAEYRLGPLLKGGFGTVFAGHRLTDRLQVAIKVIPRNRVLG WSPLSDSVTCPLEVALLWKVGAGGGHPGVIRLLDWFETQEGFMLVLERPLPAQDLFDYITEKGPLGEGPS RCFFGQVVAIIQHCHSRGVVHRDIKDENILIDLRRGCAKLIDFGSGALLHDEPYTDFDGRVYSPPEWIS RHQYHALPATVWSLGILLYDMVCGDIPFERDQEILEAELHFAHVSPDCCALIRRCLAPKSSRPSLEEI LLDPWMQTPAEDVPLNPSKGGPAPLAWSLLP 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_006866
RefSeq Size:	2234
RefSeq ORF:	933
Locus ID:	11040
UniProt ID:	Q9P1W9 , A0A024QYW7



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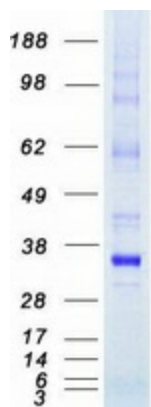
Cytogenetics: Xp11.23

Summary: 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. [provided by RefSeq, Nov 2009]

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Acute myeloid leukemia

Product images:



Coomassie blue staining of purified PIM2 protein (Cat# [TP301933]). The protein was produced from HEK293T cells transfected with PIM2 cDNA clone (Cat# [RC201933]) using MegaTran 2.0 (Cat# [TT210002]).