

Product datasheet for PH323240

PXDNL (NM_144651) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PXDNL MS Standard C13 and N15-labeled recombinant protein (NP_653252)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223240
Predicted MW:	163.5 kDa
Protein Sequence:	>RC223240 representing NM_144651 Red =Cloning site Green =Tags(s)

MEPRLFCWTTFLLAGWCLPGLPCPSRCLCFKSTVRCMHLMLDHPQVPQQTTLVLDLRFNRIREIPGSF
 KKLKNLNTLLNNHIRKISRNAFEGLENLLYLKNEIHALDKQTFKGLISLEHLYIHFNQLEMLQPE
 TFGDLLRLERLFLHNNKLSKIPAGSFSNLSLKRRLDSNALVCDCLMWLGELLQGFAQHGTQAAATC
 EYPRRLHGRAVASVTVEEFNCQSPRITFEPQDVEVPSGNTVYFTCRAEGNPKPEIWIHNNHSLDEDDT
 RLNVFDDGTLIRNTRESQGVYQCMARNSAGEAKTSAMLYSSLPKPSFVIQPDTEVLIGTSTTLE
 CMATGHPHPLITWTRDNGLELDGSRHVATSSGLYLNITQRDHGRFTCHANNSHGTVQAAANIIVQAPPQ
 FTVTPKQVVL EEHAEVWLCEADGNPPVIVWTKTGGQLPVEGQHTVLSSTGLRIDRAAQHDQGGYECQA
 VSSLGVKKVSQTLVKPKALAVFTQLPQDTSVEVGKNINISCHAQGEPPITWNKEGVQITESGKFHVD
 DEGTLTIDYDAGFPDQGRYECVARNSTFGLAVTNMFLTVTAIQGRQAGDDFVESSILDAVQVRVDSAINSTR
 HLFSQKPHTSSDLLAQFHYPRDPLIVEMARAGEIFEHTLQLIRERVKQGLTVDLEGKEFRYNDLVSPRSL
 SLIANLSGCTARRPLPNCNRCFHAKYRAHDGTCNNLQQPTWGAALTAFARLLQPAYRDGIRAPRGLGLP
 VGSRQPLPPRLVATVWARAAVTPDHSYTRMLMHGWFL EHDLDHTVPALSTARFSDGRPCSSVCTNDP
 PCFPMNTRHADPRGTHAPCMLFARSSPACASGRPSATVDSVYAREQINQQTAYIDGSNVYSSERESQAL
 RDPSVPRGLLKTGFPPWPSGKPLLPFSTGPTECARQEQESPCFLAGDHRANEHLALAAMHTLWFREHNR
 VATELSALNPHWEGNTVYQEARIVGAELQHITYSHWLKVLGDPGTRMLRGYRGYNPNVAGIINSFAT
 AAFRFGHTLINPILYRLNATLGEISEGHLPPHKLFFSPSRIIKEGGIDPVL RGLFGVAAKWRAPSYLLSP
 ELTQRLFSAAYSAAVDSAATIIQGRDHGIPPYVDFRVFCNLTSVKNFEDLQNEIKDSEIRQKLRLKLYGS
 PGDIDLWPALMVEDLIPGTRVGPTLMCLFVTQFQRLRDGDRFWYENPGVFTPAQLTQLKQASL SRVLCN
 GDSIQVQADVFVKAEPQDYLCNSEIPKVDLRVWQDCCADCRSRGQFRAVTQESQKKRSAQYSYPVDKD
 MELSHLSRQQDKIYVGEDARNVTVLAKTKFSQDFSTFAEIQETITALREQINKLEARLRQAGCTDVRG
 VPRKAERWMKEDCTHCICESGQVTCVVEICPPAPCPSPELVKGTCCPVCRRGMPSDSPEKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

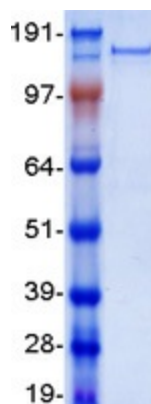
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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_653252
RefSeq Size:	4812
RefSeq ORF:	4389
Synonyms:	PMR1; PRM1; VPO2
Locus ID:	137902
UniProt ID:	A1KZ92
Cytogenetics:	8q11.22-q11.23
Summary:	Isoform PMR1: Endonuclease selectively degrading some target mRNAs while they are engaged by translating ribosomes, among which albumin and beta-globin mRNAs. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PXDNL protein (Cat# [TP323240]). The protein was produced from HEK293T cells transfected with PXDNL cDNA clone (Cat# [RC223240]) using MegaTran 2.0 (Cat# [TT210002]).