

Product datasheet for PH324518

PXDN (NM_012293) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PXDN MS Standard C13 and N15-labeled recombinant protein (NP_036425)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224518
Predicted MW:	165.1 kDa
Protein Sequence:	>RC224518 representing NM_012293 Red=Cloning site Green=Tags(s)

MAKRSRGPGRCLLALVLFCAWGLAVVAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLR
FNRIREIQPGAFFRRLNRLNLTLLNQNQIKRIPSGAFEDLENLKYLYLKYNEIQSIDRQAFKGLASLEQLY
LHFNQIETLDPDSFQHLPLKLERLFLHNNRITHLVPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTY
AESGNAQAAAICEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWL
RNNNELSMKTD SRLNLLDDGTLMIQNTQETDQGIYQCMANKVAGEVKTQEVTLRYFGSPARPTFVIQPN
TEVLVGESVTLECSATGHPPRI SWTRGDRTPLVDPRVNI TPGGLYIQNVVQGDSEYAC SATNNIDS
VHATAFIIVQALPQFTVTPQDRVVEGQTVDFQCEAKGNPPVIAWTGKGSQLSVDRRHLVLSGTLRIS
GVALHDQGOYECQAVNIIGSQKVV AHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNK
DGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNTIGSASVSMVLSVNVDPVSRNGDPFVATSIVE
AIATVDRAINSTRHLFDSRPRSPNDLLALFRYPRDPYVEQARAGEIFERTLQLIQEHVQHGLMVDLNG
TSYHYNDLVSPQYLNLIANLSGCTAHRVNNCSDMCFHQKYRTHDGT CNNLQHPMWGASLTA FERLLKSV
YENGFNTPRGINPHRLYNGHALPMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQAR
FSDGQHCSNVCSNDPPCF SVMIPPNSRARS GARCMMFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYI
DASN VYGSTEHEARSIRDLASHRGLLRQGI VQRSGKPLLPFATGPPT ECMRDENESPIPCFLAGDHRANE
QLGLTSMHTLWFREHNR IATELLKLNPHWDGDTIYYETRKIVGAEIQHITYQHWP KILGEVGMRTLGEY
HGYPDGINAGIFNAFATAAFRFGHTLVNPLL YRLDENFQPIAQDHLPLHKAFFSPFRIVNEGGIDPLLRG
LFGVAGKMRVPSQLNTELTERRLFSMAHTVALDLAAINIQRGRDHGIPPYHDIRVYVCNL SAAHTFEDLKN
EIKNPEIREKLRKLYGSTLNIDLFPALVVEDLVPGSRLGPTLMCLLSTQFKRLRDGDRLWYENPGVFSPA
QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHGYGSCDEIPRVDLRVWQDCCEDCRTRGQFNAFSY
HFRGRRSLEFSYQEDKPTKTRPRKIPSVGRQGEHL SNSTSAFSTRSDASGTNDFREFVLEMQKTTIDLR
TQIKKLESRLSTTECVDAGGESHANNTKWKKDACTICECKDGQVTCFVEACPPATCAVPVNI PGACCPVC
LQKRAEEKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

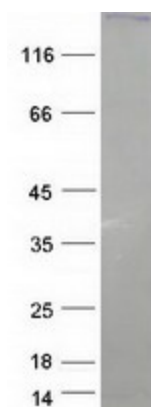
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_036425
RefSeq Size:	6821
RefSeq ORF:	4437
Synonyms:	ASGD7; COPOA; D2S448; D2S448E; MG50; PRG2; PXN; VPO
Locus ID:	7837
UniProt ID:	Q92626
Cytogenetics:	2p25.3
Summary:	This gene encodes a heme-containing peroxidase that is secreted into the extracellular matrix. It is involved in extracellular matrix formation, and may function in the physiological and pathological fibrogenic response in fibrotic kidney. Mutations in this gene cause corneal opacification and other ocular anomalies, and also microphthalmia and anterior segment dysgenesis. [provided by RefSeq, Aug 2014]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified PXDN protein (Cat# [TP324518]). The protein was produced from HEK293T cells transfected with PXDN cDNA clone (Cat# [RC224518]) using MegaTran 2.0 (Cat# [TT210002]).