

Product datasheet for TP324518L

PXDN (NM_012293) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Homo sapiens peroxidasin homolog (Drosophila) (PXDN), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC224518 representing NM_012293
Red=Cloning site Green=Tags(s)

MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLR
 FNRIREIQPGAFRRRLNLTLLNNNQIKRIPSGAFEDLENLKYLYLYKNEIQSIDRQAFKGLASLEQLY
 LHFNQIETLDPDSFQHLPKLERLFLHNNRITHLVPGFNFHLESMKRLRLDSNTLHCDCEILWLADLLKTY
 AESGNAQAAAICEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWL
 RNNNELSMKTD SRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLRYFGSPARPTFVIQPQN
 TEVLVGESVTLECSATGHPPPRIWTRGDRTPLPVDPRVNITPSGGLYIQNVVQGDSEYACSATNNIDS
 VHATAFIIVQALPQFTVTPQDRVIEGQTVDFQCEAKGNPPPVIWTKGGSQLSVDRRHVLVSSGTLRIS
 GVALHDQGGYECQAVNIIGSQKVAHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNK
 DGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNITIGSASVSMVLSVNVDPVSRNGDPFVATSIVE
 AIATVDRAINSTRTHLFDSPRSPNDLLALFRYPRDPYTVEQARAGEIFERTLQLIQEHVQHGLMVDLNG
 TSYHYNDLVSPQYLNLIANLSGCTAHRVNCSDMCFHQKYRTHDGTCCNNLQHPMWGASLTA FERLLKSV
 YENGFNTPRGINPHRLYNGHALPMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQAR
 FSDGQHCSNVCSNDPPCF SVMIPPND SRARSGARCMFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYI
 DASNVYGSTEHARSIRD LASHRGLLRQGIVQRSGKPLLPFATGPTECMRDENESPIPCFLAGDHRANE
 QLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYYETRKIVGAEIQHITYQHWLPKILGEVGMRTLGEY
 HGYDPGINAGIFNAFATAAFRFGHTLVNPLLYRLDENFQPIAQDHLPLHKAFSPFRIVNEGGIDPLLRG
 LFGVAGKMRVPSQLLNTE LTERLFSMAHTVALDLAAINIQRGRDHGIPPYHDIRVYCNLSAAHTFEDLKN
 EIKNPEIREKLRLYGSTLNIDLFPALVVEDLVP GSRLGPTLMCLLSTQFKRLRDGDRLWYENPGVFSPA
 QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFP HGYGSCDEIPRVDLRVWQDCCEDCRTRGQFNAFSY
 HFRGRRSLEFSYQEDKPTKTRPRKIPSVGRQGEHLSNSTSAFSTRSDASGTNDFREFVLEMQKITDLR
 TQIKKLESRLSTTECV DAGGESHANNTKWKKDACTICECKDQVTCFVEACPPATCAVPVNIPGACCPVC
 LQKRAEEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

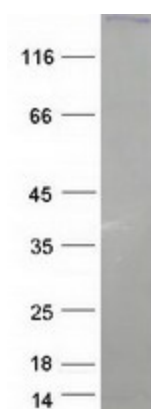
Tag: C-Myc/DDK



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Predicted MW:	165.1 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:	NP_036425
Locus ID:	7837
UniProt ID:	Q92626
RefSeq Size:	6821
Cytogenetics:	2p25.3
RefSeq ORF:	4437
Synonyms:	ASGD7; COPOA; D2S448; D2S448E; MG50; PRG2; PXN; VPO
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]).