

Product datasheet for **TP324518**

PXDN (NM_012293) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens peroxidasin homolog (Drosophila) (PXDN), 20 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC224518 representing NM_012293
Red=Cloning site Green=Tags(s)

MAKRSRGPGRRCLLALVLFCAWGTLAWAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLR
 FNRIREIQPGAFRRRLRNLTLLNANNQIKRIPSGAFEDLENLKYLYLYKNEIQSIDRQAFKGLASLEQLY
 LHFNQIETLDPDSFQHLPKLERLFLHNNRITHLVPGTFNHLES MKRLRLDSNTLHCDCEILWLADLLKTY
 AESGNAQAAAICEYPRRIQGRSVATITPEELNCRPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWL
 RNNNELSMKTD SRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLRYFGSPARPTFVIQPP
 N
 TEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPSGGLYIQNVVQGDSDGEYACSATNNIDS
 VHATAFIIVQALPQFTVTPQDRVIEGQTVDFQCEAKGNPPVIAWTKGGSQLSVDRRHLVLSGTLRIS
 GVALHDQGGYECQAVNIIGSQKVAHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEAITWNK
 DGVQVTESGKFKHISPEGFLTINDVGPADAGRYECVARNTIGSASVSMVLSVNVDPVSRNGDPFVATSIVE
 AIATVDRAINSTRTHLFDSPRSPNDLLALFRYPRDPYVEQARAGEIFERTLQLIQEHVQHGLMVDLNG
 TSYHYNDLVSPQYLNLIANLSGCTAHRRVNNCSDMCFHQKYRTHDGTCCNNLQHPMWGASLTA FERLLK
 SV
 YENGFNTPRGINPHRLYNGHALPMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDL DSTVWALSQA
 R
 FSDGQHCSNVCSNDPPCF SVMIPPND SRARS GARC MFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYI
 DASNVYGSTEH EARSIRD LASHRGLLRQGIVQRSGKPLLPFATGPPT ECMRDENESIPCF FLAGDHRANE
 QLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYETRKIVGAEIQHITYQHWLPKILGEVGMRTLGEY
 HGYPGINAGIFNAFATAAFRFGHTLVNPLLYRLDENFQPIAQDHLPLHKAFFSPFRIVNEGGIDPLLRG
 LFGVAGKMRVPSQLLNTELTERLFSMAHTVALDLAAINIQRGRDHGIPPYHDYRVYCNLSAAHTFEDLKN
 EIKNPEIREKLKRLYGSTLNIDLFPALVVEDLVPGSRLGPTLMCLLSTQFKRLRDGDRLLWYENPGVFSPA
 QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHG YGSCDEIPRVDLRVWQDCCEDCRTRGQFNAFSY
 HFRGRRSLEFSYQEDKPTKKTRPKIPSVGRQGEHLSNSTSAFSTRSDASGTNDFRE FVLEMQKTITDLR
 TQIKKLESRLSTTECVDAGGESHANNTKWKDACTICECKDGQVTCFVEACPPATCAVPVNIPGACCPVC
 LQKRAEEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

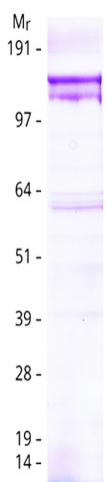
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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]).