

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

MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLR  
FNRIREIQGAFRRRLNLTLLNNNQIKRIPSGAFEDLENLKYLYLYKNEIQSIDRQAFKGLASLEQLY  
LHFNQIETLDPDSFQHLPKLERLFLHNNRITHLVPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTY  
AESGNAQAAAICEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWL  
RNNNELSMKTD SRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLRYFGSPARPTFVIQPQN  
TEVLVGESVTLECSATGHPPPRIWTRGDRTPLPVDPRVNITPSGGLYIQNVVQGDSEYACSATNNIDS  
VHATAFIIVQALPQFTVTPQDRVIEGQTVDFQCEAKGNPPPVIWTKGGSQLSVDRRHVLVSSGTLRIS  
GVALHDQGGYECQAVNIIGSQKVAHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNK  
DGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNITIGSASVSMVLSVNVDPVSRNGDPFVATSIVE  
AIATVDRAINSTRTHLFDSPRSPNDLLALFRYPRDPYVEQARAGEIFERTLQIQEHVQHGLMVDLNG  
TSYHYNDLVSPQYLNLIANLSGCTAHRVNNCSDMCFHQKYRTHDGTCCNNLQHPMWGASLTAFERLLKSV  
YENGFNTPRGINPHRLYNGHALPMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQAR  
FSDGQHCSNVCSNDPPCF SVMIPPND SRARSGARCMFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYI  
DASN VYGSTEHEARSIRD LASHRGLLRQGIVQRSGKPLLPFATGPTECMRDENESPIPCFLAGDHRANE  
QLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYYETRKIVGAEIQHITYQHWL PKILGEVGMRTLGEY  
HGYDPGINAGIFNAFATAAFRFGHTLVNPLLYRLDENFQPIAQDHLPLHKAFSPFRIVNEGGIDPLLRG  
LFGVAGKMRVPSQLLNTE LTERLFSMAHTVALDLAAINIQRGRDHGIPPYHDIRVYCNLSAAHTFEDLKN  
EIKNPEIREKLRLYGSTLNIDLFPALVVEDLVP GSRLGPTLMCLLSTQFKRLRDGDRLWYENPGVFSPA  
QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFP HGYGSCDEIPRVDLRVWQDCCEDCRTRGQFNAFSY  
HFRGRRSLEFSYQEDKPTKTRPRKIPSVGRQGEHLSNSTSAFSTRSDASGTNDFREFVLEMQKITDLR  
TQIKKLESRLSTTECV DAGGESHANNTKWKKDACTICECKDGQVTCFVEACPPATCAVPVNIPGACCPVC  
LQKRAEEKP

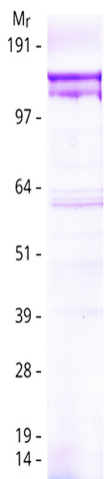
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK



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<b>Predicted MW:</b>	165.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036425</a>
<b>Locus ID:</b>	7837
<b>UniProt ID:</b>	<a href="#">Q92626</a>
<b>RefSeq Size:</b>	6821
<b>Cytogenetics:</b>	2p25.3
<b>RefSeq ORF:</b>	4437
<b>Synonyms:</b>	ASGD7; COPOA; D2S448; D2S448E; MG50; PRG2; PXN; VPO
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).