

Product datasheet for TP324518M

PXDN (NM_012293) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens peroxidasin homolog (Drosophila) (PXDN), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224518 representing NM_012293 Red=Cloning site Green=Tags(s)

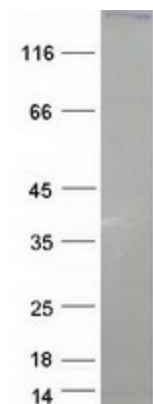
MAKRSRGPGRRCLLALVLFCAWGTLAWVAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLR
 FNRIREIQPGAFRRRLNLTLLNNNQIKRIPSGAFEDLENLKYLYLYKNEIQSIDRQAFKGLASLEQLY
 LHFNQIETLDPDSFQHLPKLERLFLHNNRITHLVPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTY
 AESGNAQAAAICEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWL
 RNNNELSMKTDSRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLRYFGSPARPTFVIQPQN
 TEVLVGESVTLECSATGHPPPISWTRGRDRTPLPVDPRVNITPSGGLYIQNVVQGDSGEYACSATNNIDS
 VHATAFIIVQALPQFTVTPQDRVIEGQTVDFQCEAKGNPPPVIWTKGGSQLSVDRRHVLVSSGTLRIS
 GVALHDQGYECQAVNIIGSQKVAHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNK
 DGVQVTESGKFHISPEGFLTINDVGPADAGRYECVARNIGSASVSMVLSVNVPDVSRRNGDPFVATSIVE
 AIATVDRAINSTRHLFDSRPRSPNDLLALFRYPRDPYTVEQARAGEIFERTLQLIQEHVQHGLMVDLNG
 TSYHYNDLVSPQYLNLIANLSGCTAHRRVNNCSDMCFHQKYRTHDGTENNQHMPMWGASLTAFERLLKSV
 YENGFNTPRGINPHRLYNGHALPMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQAR
 FSDGQHCSNVCSNDPPCFMIPPNDNRARSARGARCMFFVRSSPVCVSGGMTSLLMNSVYPREQINQLTSYI
 DASNVYGSTEHARSIRDASHRGLLRQGIVQRSGKPLLPFATGPPTCEMRDENESPIPCFLAGDHRANE
 QLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYYETRKIVGAEIQHITYQHWLPKILGEVGMRTLGEY
 HGYDPGINAGIFNAFATAAFRFGHTLVNPLLYRLDENFQPIAQDHLPLHKAFFSPFRIVNEGGIDPLLGR
 LFGVAGKMRVPSQLLNTELTERLFSMAHTVALDLAAINIQRGRDHGIPPYHDYRVYCNLSAAHTFEDLKN
 EIKNPEIREKLKRLYGSTLNIDLFPALVVEDLVPGSRLGPTLMCLLSTQFKRLRDGDRLWYENPGVFSPA
 QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHGYGSCDEIPRVDLRWQDCCEDCRTRGQFNAFSY
 HFRGRRSLEFSYQEDKPTKKTRPRKIPSVGRQGEHLSNSTSAFSTRSDASGTNDFREFVLEMQKTITDLR
 TQIKKLESRLSTTECVDAGGESHANNTKWKKDACTICECKDQVTCFVEACPPATCAVPVNIPGACCPVC
 LQKRAEEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



[View online »](#)

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]).