

Recombinant Human PXDN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PXDN-6059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PXDN MS Standard C13 and N15-labeled recombinant protein (NP_036425) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	165.1 kDa
AA Sequence	MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLE AVPAVAPQTSILDLRFNRIREIQPGAFRRLRNLTLLNNNQIKRIPSGAFEDLENLKY LYLYKNEIQSIDRQAFKGLASLEQLYLFHNQIETLDPDSFQHLPKLERLFLHNNRITHL VPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTYAESGNAQAAAICEYPRRIQG RSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWLNRNNNELSM KTDSRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLRVFGSPARPTF VIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRTPLPVDPRVNITPSGGLYIQN VVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQDRVVIEGQTVDFQCEAKG

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NPPPVIAWTKGGSQLSVDRRHLVLSSGTLRISGVALHDQGQYECQAVNIIGSQKVVA
 HLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNKDGVTESGKF
 HISPEGFLTINDVGPADAGRYECVARNTIGSASVSMVLSVNVDPVSRNGDPFVATSI
 VEAIVTDRAINSTRTHLFDSPRSPNDLLALFRYPDPYTVEQARAGEIFERTLQLIQ
 EHVQHGLMVDLNGTSYHYNDLVSPQYLNLIANLSGCTAHRVNNCSDMCFHQKYR
 THDGTNNLQHPMWGASLTAFERLLKSVYENGFNTPRGINPHRLYNGHALPMPRLV
 STTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQARFSDGQHCSNVCSN
 DPPCFVSMIPPNDSPRARSARCMMFFVRSSPVCSGSGMTSLLMNSVYPREQINQLTSY
 IDASNVYGSTEHEARSIRDLASHRGLLRQGIVQRSGKPLLPFATGPPTECMRDENES
 PIPCFLAGDHRANEQLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYYETRKIVG
 AEIQHITYQHWLPKILGEVGMRTLGEYHGYDPGINAGIFNAFATAAFRFGHTLVNPLL
 YRLDENFQPIAQDHLPLHKAFFSPFRIVNEGGIDPLLRLFGVAGKMRVPSQLLNTL
 TERLFSMAHTVALDLAAINIQRGRDHGIPPYHDYRVYCNLSAAHTFEDLKNEIKNPEI
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 GVFSPAQLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHGYGSCDEIPRVDLRV
 WQDCCEDCRTRGQFNAFSYHFRGRSLEFSYQEDKPTKTRPRKIPSVGRQGEHL
 SNSTSAFSTRSDASGTNDFREFVLEMQKTITDLRTQIKKLESRLSTTECVDAGGES
 ANNTKWKKDACTICECKDGQVTCFVEACPPATCAVPVNIPGACCPVCLQKRAEEKP
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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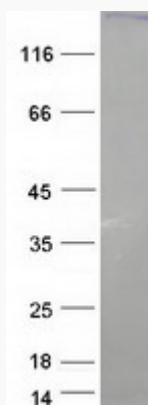
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GENE INFORMATION

Gene Name	PXDN peroxidasin [Homo sapiens (human)]
Official Symbol	PXDN
Synonyms	PXDN; peroxidasin homolog (Drosophila); peroxidasin homolog; D2S448; D2S448E; KIAA0230; MG50; PRG2; PXN; vascular peroxidase 1; p53-responsive gene 2 protein; melanoma-associated antigen MG50; VPO;
Gene ID	7837
mRNA Refseq	NM_012293
Protein Refseq	NP_036425
MIM	605158
UniProt ID	Q92626

SDS-PAGE



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