

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	<p>MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLE AVPAVAPQTSILDLRFNIREIQPGAFRRLRNLTLLNINNQIKRIPSGAFEDLENLKY LYLYKNEIQSIDRQAFKGLASLEQLYLFHNQIETLDPDSFQHLPKLERLFLHNNRITHL VPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTYAESGNAQAAAICEYPRRIQG RSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIILWRNNNELSM KTDSRLNLLDDGTLMIQNTQETDQGIYQCMAKNVAGEVKTQEVTLYRYFGSPARPTF VIQPQNTEVLVGESVTLECSATGHPPPRISWTRGDRTPLVDPRVNITPSGGLYIQN VVQGDSGEYACSATNNIDSVHATAFIIVQALPQFTVTPQDRVVIEGQTVDFQCEAKG</p>

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NPPPVIAWTKGGSQSVDRRHLVLSSGTLRISGVALHDQGQYECQAVNIIGSQKVVA
 HLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNKDGVTESGKF
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 THDGTNNLQHPMWGASLTAFERLLKSVYENGFNTPRGINPHRLYNGHALPMPRLV
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 WQDCCEDCRTRGQFNAFSYHFRGRRSLEFSYQEDKPTKTRPRKIPSVGRQGEHL
 SNSTSAFSTRSDASGTNDFREFVLEMQKTITDLRTQIKKLESRLSTTECVDAGGESH
 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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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

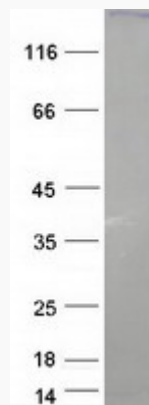
mRNA Refseq NM_012293

Protein Refseq NP_036425

MIM 605158

UniProt ID Q92626

SDS-PAGE



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