

Recombinant Full Length Human PXDN Protein, C-Flag-tagged

Cat. No. PXDN-280HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PXDN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	165.1 kDa
AA Sequence	<p>MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLE AVPAVAPQTSILDLR FNRIREIQPGAFFRRLRNLTLLLNNNQIKRIPSGAFEDLENLKY LYLYKNEIQSIDRQAFKGLASLEQLY LHFNQIETLDPDSFQHLPKLERLFLHNNRITHL VPGTFNHLESMKRLRLDSNTLHCDCEILWLADLLKTY AESGNAQAAAICEYPRRIQG RSVATITPEELNCERPRITSEPQDADVTSNTVYFTCRAEGNPKPEIIWL RNNNELS MKTDSRLNLLDDGTLMIQNTQETDQGIYQCMKNVAGEVKTQEVTLRYFGSPARPT FVIQPQN TEVLVGESVTLECSATGHPPPRIWTRGDRTPLPVDPRVNITPSGGLYIQ NVVQGDSGEYACSATNNIDS VHATAFIIVQALPQFTVTPQDRVIEGQTVDFQCEAK</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GNPPPVIAWTKGGSQLSVDRRHVLSSGTLRIS GVALHDQGQYECQAVNIIGSQKV
 VAHLTVQPRVTPVFASIPSDTTVEVGANVQLPCSSQGEPEPAITWNK DGVQVTESG
 KFHSPEGFLTINDVGPADAGRYECVARNTIGSASVSMVLSVNVDPVSRNGDPFVAT
 SIVE AIATVDRAINSTRTHLFDSRPRSPNDLLALFRYPRDPYTVEQARAGEIFERTLQ
 LIQEHVQHGLMVDLNG TSYHYNDLVSPQYLNLIANLSGCTAHRRVNNCSDMCFHQ
 KYRTHDGTCCNNLQHPMWGASLTAFERLLKSV YENGFNTPRGINPHRLYNGHALPM
 PRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQAR FSDGQHCSN
 VCSNDPPCF SVMIPPND SRARSGARCMFFVRSSPVC GSGMTSLLMNSVYPREQIN
 QLTSYI DASNVYGSTEHEARSIRD LASHRGLLRQGIVQRS GKPLL PFATGPTECMR
 DENESPIPCFLAGDHRANE QLGLTSMHTLWFREHNRIATELLKLNPHWDGDTIYYET
 RKIVGAEIQHITYQHWLPKILGEVGMRTLGEY HGYDPGINAGIFNAFATAAFRFGHTL
 VNPLLYRLDENFQPIAQDHLPLHKAFFSPFRIVNEGGIDPLLRG LFGVAGKMRVPSQ
 LLNTELTERRLFSMAHTVALDLAAINIQRGRDHGIPPYHDYRVYCNLSAAHTFEDLKN E
 IKNPEIREKLRKLYGSTLNIDLFPALVVEDLVPGSRLGPTLMCLLSTQFKRLRDGDRL
 WYENPGVFSPA QLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHGYGSCDEIPR
 VDLRVWQDCCEDCRTRGQFNAFSY HFRGRRSLEFSYQEDKPTKTRPRKIPSVGR
 QGEHLSNSTSAFSTRSDASGTNDFREFVLEMQKTITDLR TQIKKLESRLSTTECVDA
 GGESHANNTKWKKDACTICECKDGQVTCFVEACPPATCAVPVNIPGACCPVC
 LQKRAEEKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Protein Families Druggable Genome, Transmembrane

Full Length Full L.

GENE INFORMATION

Gene Name PXDN peroxidasin [Homo sapiens (human)]

Official Symbol PXDN

Synonyms PXN; VPO; MG50; PRG2; ASGD7; COPOA; D2S448; D2S448E; hsPxd01

Gene ID 7837

mRNA Refseq NM_012293.3

Protein Refseq NP_036425.1

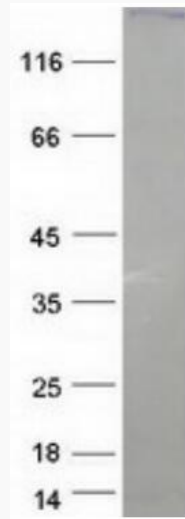
MIM 605158

UniProt ID Q92626

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Coomassie blue staining of purified PXDN protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA