

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

Cat. No. PXDNL-1156HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PXDNL Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable heme binding activity and peroxidase activity. Predicted to be involved in hydrogen peroxide catabolic process. Predicted to be located in cytoplasm. Predicted to be active in extracellular space.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	163.5 kDa
AA Sequence	MEPRLFCWTTFLFLAGWCLPGLPCPSRCLCFKSTVRCMHLMLDHIPQVPQQTTVLD LRFNRIREIPGSAF KKLKLNLTLLNNNNHIRKISRNAFEGLENLLYLYLYKNEIHALDK QTFKGLISLEHLYIHFNQLEMLQPE TFGDLLRLERLFLHNNKLSKIPAGSFSNLDLKL RLRLDSNALVCDLMDLWLGELLQGFAQHGHGTQAAATC EYPRRLHGRAVASVTVEE FNCQSPRITFEPQDVEVPSGNTVYFTCRAEGNPKPEIWIHNNHSLDLEDDT RLNVF DDGTLMIRNTRES DQGVYQCMARNSAGEAKTQSAMLRYSSLPKPSFVIQPDTEV LIGTSTTLE CMATGHPHPLITWTRDNGLELDGSRHVATSSGLYLQNITQRDHGRFTC HANNSHGTQAAAANIIVQAPPQ FTVTPKDQVVLEEHAWEVLCEADGNPPPVIWVTK TGGQLPVEGQHTVLSSGTLRIDRAAQHDQGGYECQA VSSLGVKKVSVQLTVKPKA

 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

LAVFTQLPQDTSVEVGKNINISCHAQGEPPQIITWNKEGVQITESGKFHVD DEGTLT
 YDAGFPDQGRYECVARNNSFGLAVTNMFLTVTAIQGRQAGDDFVESSILDAVQRVDS
 AINSTRR HLFSQKPHTSSDLLAQFHYPRDPLIVEMARAGEIFEHTLQLIRERVKQGLT
 VDLEGKEFRYNDLVSPRSL SLIANLSGCTARRPLPNCNRCFHAKYRAHDGTCNNL
 QQPTWGAALTAFARLLQPAYRDGIRAPRGLGLP VGSRQPLPPPRLVATVWARAAA
 VTPDHSYTRMLMHWGWFLEHDLDTVPALSTARFSDGRPCSSVCTNDP PCFPMN
 TRHADPRGTHAPCMLFARSSPACASGRPSATVDSVYAREQINQQTAYIDGSNVYGS
 SERESQAL RDPSVPRGLLKTGFPWPPSGKPLLPFSTGPPTECARQEQUESPCFLAG
 DHRANEHLALAAMHTLWFREHNR VATELSALNPHWEGNTVYQEARIVGAELQHIT
 YSHWLPKVLGDPGTRMLRGYRGYNPNVNAGIINSFAT AAFRFGHTLINPILYRLNAT
 LGEISEGHLPFHKALFSPSRIIKEGGIDPVLRLGLFGVAAKWRAPSYLLSP ELTQRLFS
 AAYSAAVDSAATIIQGRGDHGIIPPYVDFRVFCNLTSVKNFEDLQNEIKDSEIRQKLK
 LYGS PGDIDLWPALMVEDLIPGTRVGPTLMCLFVTQFQRLRDGDRFWYENPGVFTP
 AQLTQLKQASLSRVLCDN GDSIQVQADVFKAEYPQDYLCNSEIPKVDLRVWQD
 CCADCRSRGQFRAVTQESQKKRSAQYSYPVDKD MELSHLRSRQQDKIYVGEDAR
 NVTVLAKTKFSQDFSTFAAEIQETITALREQINKLEARLRQAGCTDVRG
 VPRKAEERWMKEDCTHCICESGQVTCVVEICPPAPCPSPELVKGTCCPVCRDRGM
 PSDSPEKRTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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
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Full Length	Full L.
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GENE INFORMATION

Gene Name	PXDNL peroxidasin like [Homo sapiens (human)]
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Official Symbol	PXDNL
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Synonyms	PMR1; PRM1; VPO2
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Gene ID	137902
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mRNA Refseq	NM_144651.5
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Protein Refseq	NP_653252.4
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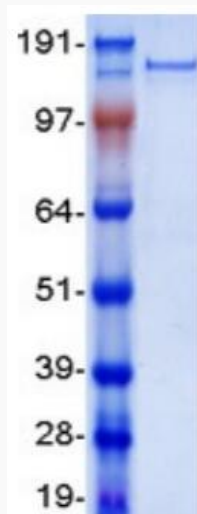
MIM	615904
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UniProt ID	A1KZ92
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Coomassie blue staining of purified PXDNL protein.

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