

Product datasheet for TP518888

Pxdn (NM_181395) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse peroxidasin (Pxdn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR218888 protein sequence Red=Cloning site Green=Tags(s) |

MAVRPMRRCLLALVLCFAWWAMAVVASKQGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQTSILDLRFNR
IREIQPGAFRRRLSLNLLLLNNNQIKKIPNGAFEDLENLKYLYLYKNEIQSIDRQAFKGLASLEQLYLHF
NQIETLDPESFQHLPKLERLFLHNNRITHLVPGTFSQLESMKRLRLDSNALHCDCEILWLADLLKTYAQS
GNAQAAATCEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTCRAEGNPKPEIWLRRNN
NELSMKTDSRLNLLDDGTLMIQNTQEADEGVYQCMAKNVAGEAKTQEVTLRYLGGSPARPTFVIQPPQNTVE
LVGESVTLECSATGHPLPQITWTRGDRTPLPIDPRVNITPSGGLYIQNVAQSDSGEYTCFASNSVDSIHA
TAFIVQALPQFTVTPQSRVIEGQTVDFQCAAKGHPQPVIAWTKGGSQLSVDRRHLVLSGTLRISGVA
LHDQGGQYECQAVNIIGSQKVAHLTVQPRVTPVFASIPSDMTVEVGTNVQLPCSSQGEPEPAITWNKDG
QVTEGKGFHISPEGFLTINDVGTADAGRYECVARNTIGYASVSMVLSVNVDPVSRNGDPYVATSIVEAIA
TVDRAINSTRTHLFDSPRSPNDLLALFRYPRDPYTVGQARAGEIFERTLQLIQEHVQHGLMVDLNGTSY
HYNDLVSPQYLSLIANLSGCTAHRVNNCSDMCFHQYRTHDGTCCNNLQHPMWGASLTAFERLLKAVYEN
GFNTPRGINSQRQYNGHVLPMPRLVSTTLIGTEVITPDEQFTHMLMQWGQFLDHDLDSTVVALSARFSD
GQHCVSVCSDNDPPCFVSMIPPNDPRVRSRGARCMFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYIDAS
NVYGSTDHEARSIRD LASHRGLLRQGIVQRSGKPLLPFATGPPTCEMRDENESPIPCFLAGDHRANEQLG
LTSMHTLWFREHNRIAAELLKLNPHWDGDTVYHETRKIVGAEIQHITYRHWP KILGEVGMKMLGEYRGY
DPSVNAGIFNAFATAAFRFGHTLINPLLYRLDENFEPIQGHVPLHKAFFSPFRIVNEGGIDPLLRGLFG
VAGKMRIPSQLLNTELTRELFSMAHTVALDLAAINIQRGRDHGIPPYHDYRVYCNLSAAYTFEDLKNEIK
SPVIREKLQRLYGSTLNIDLFPALMVEDLVPGSRLGPTLMCLLSTQFRRLRDGDRLWYENPGVFSPAQLT
QLKQTSLARILCDNSDNITRVQQDVFRAEFPHGYSSCEDIPRVDLRVWQDCCEDCRTRGQFNAFSYHFR
GRRSLEFSYEDDKPTKRARWRKALS VKHGKHLNATSATHEHLEGPATNDLKEFVLEMQKIITDLRKQIN
SLESRLSTTECVDDSGESHGGNTKWKKDPCTVCECKNGQITCFVEACQPAACPQPVKVEGACCPVCLKNT
AEEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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| | |
|-----------------------|---|
| 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 |
| 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 after receiving vials. |
| 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_852060 |
| Locus ID: | 69675 |
| UniProt ID: | Q3UQ28 |
| RefSeq Size: | 6632 |
| Cytogenetics: | 12 A2 |
| RefSeq ORF: | 4428 |
| Synonyms: | 2310075M15Rik; C85409; E330004E07; mKIAA0230; VPO1 |
| Summary: | Displays low peroxidase activity and is likely to participate in H ₂ O ₂ metabolism and peroxidative reactions in the cardiovascular system (By similarity). Plays a role in extracellular matrix formation.[UniProtKB/Swiss-Prot Function] |