

Recombinant Human PXDN protein, His-tagged

Cat. No. PXDN-3893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PXDN protein(593-697 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	593-697 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NTIGSASVSMVLSVNPVDSRNGDPFVATSIVEAIAITVDRAINSTRTHLFDSRPRSPN DLLALFRYPDPYTVEQARAGEIFERTLQLIQEHVQHGLMVDLNGTS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	PXDN peroxidasin homolog (Drosophila) [Homo sapiens]
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

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