

Recombinant Human PXDN protein, His-tagged

Cat. No. PXDN-1930H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PXDN aa. (Gln1285~Ala1475 (Accession # Q92626)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln1285~Ala1475
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	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	7.9

GENE INFORMATION

Gene Name	PXDN peroxidasin [Homo sapiens (human)]
Official Symbol	PXDN
Synonyms	PXDN; peroxidasin; PXN; VPO; MG50; PRG2; ASGD7; COPOA; D2S448; D2S448E; peroxidasin homolog; melanoma-associated antigen MG50; p53-responsive gene 2 protein; vascular peroxidase 1
Gene ID	7837
mRNA Refseq	NM_012293.2
Protein Refseq	NP_036425.1
UniProt ID	Q92626

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