

Recombinant Human PM20D1 protein, His-tagged

Cat. No. PM20D1-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PM20D1 protein(21-202 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	21-202 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	TVSRSMGPRSGEHQSRIPSQFSKEERVAMKEALKGAIQIPTVTFSSSEKSNTTALA EFGKYIHKVFPTVVSTSFQHEVVEEYSHLFTIQGSDPSLQPYLLMAHFDVVPAPEEG WEVPPFSGLERDGVYIGWGTLDDKNSVMALLQALELLLIRKYIPRRSFFISLGHDEES SGTGAQRIS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PM20D1 peptidase M20 domain containing 1 [Homo sapiens]
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Official Symbol	PM20D1
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Synonyms	PM20D1; peptidase M20 domain containing 1; probable carboxypeptidase PM20D1; Cps1; FLJ32569; peptidase M20 domain-containing protein 1;
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Gene ID	148811
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mRNA Refseq	NM_152491
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Protein Refseq	NP_689704
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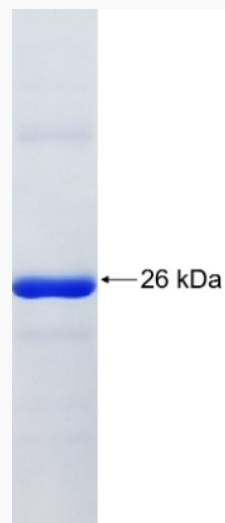
UniProt ID	Q6GTS8
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SDS-PAGE



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