

Recombinant Full Length Human PM20D1 Protein, C-Flag-tagged

Cat. No. PM20D1-1790HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PM20D1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in linear amides. Involved in several processes, including amide biosynthetic process; cellular amide catabolic process; and negative regulation of neuron death. Located in extracellular exosome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.6 kDa
AA Sequence	MAQRCVCVLALVAMLLLVFPTVSRSMGPRSGEHQRASRIPSQFSKEERVAMKEALK GAIQIPTVTFSSSEK SNTTALAEFGKYIHKVFPTVVSTSFIQHEVVEEYSHLFTIQGSDP SLQPYLLMAHFDVVPAPEEGWVPP FSGLERDGVYIGWGTLDDKNSVMALLQALE LLLIRKYIPRRSFFISLGHDEESSGTGAQRISALLQSRGV QLAFIVDEGGFILDDFIPNF KKPIALIAVSEK GSMNLMLQVNMTSGHSSAPPKETSIGILAAAVSRLEQT PMPIIFGS GTVVTVLQQLANEFPPVNIILSNPWLFEPLISRFMERNPLTNAIIRTTTALTIFKAGVK FN VIPPVAQATVNFRIHPGQTVQEVLELTKNIVADNRVQFHVLSAFDPLPVSPSDDK ALGYQLLRQTVQSVF PEVNITAPVTSIGNTDSRFFTNLTGTIYRFYPIYIQPEDFKRIH

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	GVNEKISVQAYETQVKFIFELIQNAD TDQEPVSHLHKL SGPTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
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	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	PM20D1 peptidase M20 domain containing 1 [Homo sapiens (human)]
Official Symbol	PM20D1
Synonyms	Cps1
Gene ID	148811
mRNA Refseq	NM_152491.5

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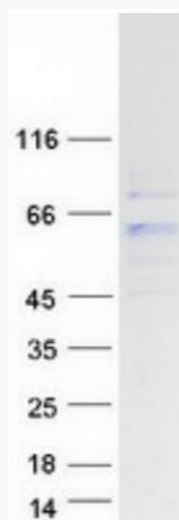
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Protein Refseq NP_689704.4

MIM 617124

UniProt ID Q6GTS8



Coomassie blue staining of purified PM20D1 protein.

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