

Recombinant Human CPXM1 protein, GST-tagged

Cat. No. CPXM1-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPXM1 protein(544-734 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	544-734 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	QDTSRRPCHSQDFSVHGNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPH ENELPQEWENNKDALLTYLEQVRMGIAGVVRDKDTELGIADAVIAVDGINHDVTTAW GGDYWRLLTPGDYMTASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELL AAGAKVPPDLRRRLERLRGQKD
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 CPXM1 carboxypeptidase X (M14 family), member 1 [Homo sapiens]

Official Symbol CPXM1

Synonyms CPXM1; carboxypeptidase X (M14 family), member 1; carboxypeptidase X (M14 family) , CPXM; probable carboxypeptidase X1; carboxypeptidase like protein X1; CPX 1; CPX1; metallocarboxypeptidase CPX-1; carboxypeptidase-like protein X1; CPXM;

Gene ID 56265

mRNA Refseq NM_001184699

Protein Refseq NP_001171628

MIM 609555

UniProt ID Q96SM3

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