

## Recombinant Human CPXM1 protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CPXM1 protein(544-734 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 544-734 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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). |
| <b>AASequence</b>       | QDTSRRPCHSQDFSVHGNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPH<br>ENELPQEWENNKDALLTYLEQVRMGIAGVVRDKDTELGIADAVIAVDGINHDVTTAW<br>GGDYWRLLTPGDYMTASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELL<br>AAGAKVPPDLRRRLERLRGQKD                                                                                                                                                                                   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | 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; metalloproteinase 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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## SDS-PAGE



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