Recombinant Human CPXM2 protein, GST-tagged

Cat. No. CPXM2-11547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPXM2 protein(26-137 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	26-137 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_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	QGAALEDPDYYGQEIWSREPYYARPEPELETFSPPLPAGPGEEWERRPQEPRPPK RATKPKKAPKREKSAPEPPPPGKHSNKKVMRTKSSEKAANDDHSVRVAREDVRES CP
Purity	85%, by SDS-PAGE.
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	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CPXM2 carboxypeptidase X (M14 family), member 2 [Homo sapiens]
Official Symbol	CPXM2
Synonyms	CPXM2; carboxypeptidase X (M14 family), member 2; inactive carboxypeptidase-like protein X2; CPX2; cytosolic carboxypeptidase; UNQ676; 4632435C11Rik; carboxypeptidase Hlo; carboxypeptidase-like protein X2;
mRNA Refseq	NM_198148
Protein Refseq	NP_937791
UniProt ID	Q8N436
Gene ID	119587

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SDS-PAGE	

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