

Recombinant Human CPXM1 Protein, GST-tagged

Cat. No. CPXM1-1825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPXM1 full-length ORF (AAH63430.1, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene likely encodes a member of the carboxypeptidase family of proteins. Cloning of a comparable locus in mouse indicates that the encoded protein contains a discoidin domain and a carboxypeptidase domain, but the protein appears to lack residues necessary for carboxypeptidase activity.[provided by RefSeq, May 2010]
Molecular Mass	108.1 kDa
AA Sequence	MWGLLLALAAFAVGPALGAPRNSVLGLAQPGTTKVPGLTPALHSSPAQPPAETA NGTSEQHVRIRVIKKKKVIMKKRKKLTLTRPTPLVTAGPLVTPTPAGTLDPAEKQETG CPPLGLESRLVSDSRLEASSSQSFGLGPHRGRLNIQSGLEDGDLYDGAWCAEEQD ADPWFQVDAGHPTRFSGVITQGRNSVWRYDWVTSYKVQFSNDSRTWWGSRNHS SGMDAVFPANSDPETPVLNLLPEPQVARFIRLLPQTLWLGGAAPCLRAEILACPVSDP NDLFLEAPASGSSDPLDFQHNNYKAMRKLKQVQECPNITRIYSIGKSYQGLKLYV MEMSDKPGEHELGEPEVRYVAGMHGNEALGRELLLLLMQFLCHEFLRGNPRVTRL LSEMRIHLLPSMNPDGYEIAYHRGSELVGWAEGRWNNQSIDLNHNFADLNTPLWEA QDDGKVP HIVPNHHLPLPTYYTLPNATVAPETRAVIKWMKRIPFVLSANLHGGELVV SYPFDMTRTPWAARELTPTPDDAVFRWLSTVYAGSNLAMQDTSRRPCHSQDFSVH

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GNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPHENELPQEWENNKDALL
 TYLEQVRMGIAGVVRDKDTELGIADAVIAVDGINHDVTTAWGGDYWRLLTPGDYMV
 TASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELLAAGAKVPPDLRRRLE
 RLRGQKD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Protein Refseq	NP_001171628
MIM	609555
UniProt ID	Q96SM3

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