

Recombinant Human CPXM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPXM1-1052H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPXM1 MS Standard C13 and N15-labeled recombinant protein (NP_062555) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	81.7 kDa
AA Sequence	MWGLLLALAAFAPAVGPALGAPRNSVLGLAQPGTTKVPGLTPALHSSPAQPPAETA NGTSEQHVRIRVIKKKKVIMKKRKKLTLTRPTPLVTAGPLVTPTPAGTLDPAEKQETG CPPLGLESRLVSDSRLEASSSQSFGLGPHRGRLNIQSGLEDGDLYDGAWCAEEQD ADPWFQVDAGHPTRFSGVITQGRNSVWRYDWVTSYKVQFSNDSRTWWGSRNHS SGMDAVFPANSDPETPVLNLLPEPQVARFIRLLPQTLWLGGAAPCLRAEILACPVS DP NDLFLEAPASGSSDPLDFQHHNYKAMRKLMKQVQECPNITRIYSIGKSYQGLKLYV MEMSDKPGEHELGEPEVRYVAGMHGNEALGRELLLLLMQFLCHEFLRGNPRVTRL LSEMRIHLLPSMNPDGYEIAYHRGSELVGWAEGRWNNQSIDLNNHFADLNTPLWEA QDDGKVPHIVPNHHLPLPTYYTLPNATVAPETRAVIKWMKRIPFVLSANLHGGELVV

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SYPFDMTRTPWAAARELTPTPDDAVFRWLSTVYAGSNLAMQDTSRRPCHSQDFSVH
 GNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPHENELPQEWENNKDALL
 TYLEQVRMGIAGVVRDKDELGIADAVIAVDGINHDVTTAWGGDYWRLLTPGDYMV
 TASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELLAAGAKVPPDLRRRLE
 RLRGQKDTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CPXM1 carboxypeptidase X, M14 family member 1 [Homo sapiens (human)]

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_019609

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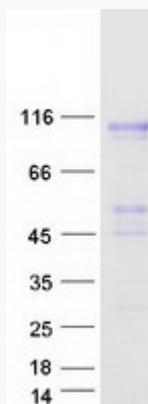
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Protein Refseq NP_062555

MIM 609555

UniProt ID Q96SM3

SDS-PAGE



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