

## Product datasheet for PH309394

### CPXM (CPXM1) (NM\_019609) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CPXM1 MS Standard C13 and N15-labeled recombinant protein (NP_062555)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209394
Predicted MW:	81.7 kDa
Protein Sequence:	>RC209394 protein sequence Red=Cloning site Green=Tags(s)

MWGLLLALAAFAPAVGPALGAPRNSVLGLAQPGTTKVPGLTPALHSSPAQPPAETANGTSEQHVRIRVIK  
KKKVIMKKRKKLTLTRPTPLVTAGPLVTPAGTLDPAEKQETGCPPLGLESLRVSDSRLEASSQSFG  
GPHRGRLNIQSGLEDGLYDGAWCAEEQDADPWFQVDAGHPTRFSGVITQGRNSVWRYDWVTSYKVQFSN  
DSRTWWGSRNHSSGMDAVFPANSDPETPVLNLLPEPQVARFIRLLPQTWLQGGAPCLRAEILACPVSDPN  
DLFLEAPASGSSDPLDFQHNYKAMRKLKQVQEQCPNITRIYSIGKSYQGLKLYMEMSDKPGHELGE  
PEVRYVAGMHGNEALGRELLLLMQFLCHEFLRGNPRVTRLLSEMRIHLLPSMNPDGYEIAHYRGSSELV  
WAEGRWNNQSIDLNHNFAADLNTPLWEAQDDGKVPVPHVPHHLPLPTYTLPNATVAPETRAVIKWMKRIP  
FVLSANLHGGELVVSYPFDMTRTPWAARELTPTPDDAVFRWLSTVYAGSNLAMQDTSRRPCHSQDFSVHG  
NIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPHENELPQEWENNKDALLTYLEQVRMGIAGVVR  
DKDTELGIADAVAIDGINHDVTTAWGGDYWRLLTPGDYMTASAEGYHSVTRNCRVTFEEGPFPCNFVL  
TKTPKQRLRELLAAGAKVPPDLRRRLRLRQKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_062555</a>



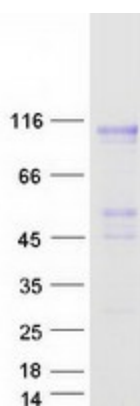
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RefSeq Size:	2409
RefSeq ORF:	2202
Synonyms:	CPX1; CPXM
Locus ID:	56265
UniProt ID:	<a href="#">Q96SM3</a>
Cytogenetics:	20p13

**Summary:** 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]

**Protein Families:** Druggable Genome, Protease, Secreted Protein

### Product images:



Coomassie blue staining of purified CPXM1 protein (Cat# [TP309394]). The protein was produced from HEK293T cells transfected with CPXM1 cDNA clone (Cat# [RC209394]) using MegaTran 2.0 (Cat# [TT210002]).