

Recombinant Human CPM

Cat. No. CPM-27799TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Carboxypeptidase M with N-terminal proprietary tag. Predicted MW 36.52kDa.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
Description	The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene.
Molecular Weight	36.520kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GVTNGYSWYPLQGGMQDYNIIWAQCFEITLELSCCKYPREEKLPSFWNNNKASLIE YIKQVHLGVKGQVFDQNGNPLPNVIVEVQDRKHICPYRTNKYG
Sequence Similarities	Belongs to the peptidase M14 family.
GENE INFORMATION	
Gene Name	CPM carboxypeptidase M [Homo sapiens]
Official Symbol	CPM
Synonyms	CPM; carboxypeptidase M;
Gene ID	1368
mRNA Refseq	NM_001874
Protein Refseq	NP_001865
MIM	114860
Uniprot ID	P14384
Chromosome Location	12q15
Function	carboxypeptidase activity; metal ion binding; metallocarboxypeptidase activity; metallopeptidase activity; peptidase activity;

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