

## 32-7896: Recombinant Human Carboxypeptidase M/CPM (C-6His)

**Gene :** CPM  
**Gene ID :** 1368  
**Uniprot ID :** P14384

### Description

Source: Human Cells.  
MW :47.3kD.

Recombinant Human Carboxypeptidase M is produced by our Mammalian expression system and the target gene encoding Leu18-His422 is expressed with a 6His tag at the C-terminus. These enzymes remove C-terminal amino acids from peptides and proteins and exert roles in the physiological processes of blood coagulation/fibrinolysis, inflammation, food digestion and pro-hormone and neuropeptide processing. CPM is widely distributed in a variety of tissues and cells. CPM is involved in peptide metabolism on both the cell surface and in extracellular fluids. CPM functions not only as a protease but also as a binding partner in cell-surface protein-protein interactions.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,1mM ZnCl<sub>2</sub>,pH7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** LDFNYHRQEGMEAFKLTVAQNYSSVTHLHSHGKSVKGRNLWVLLVGRFPKEHRIGIPEFKYVANMHGDET VGR  
ELLLHLIDYLVTS DGKDPEITNLINSTRIHIMPSPMNP DGF EAVKKPDCYYSIGRENYNQYDLNRNFPDAFEYNNVS  
RQPETVAVMKWLKTET FVLSANLHGGALVASYPFDNGVQATGALYSRSLTPDDDFQYLAHTYASRNPNM KK  
GDECKNKMNFNGVTNGYSWYPLQGGMQDYNYIWAQCFEITL ELSCKYPREEKLPSFWNNKASLIEYIKQV  
HLGVKGVFDQNGNPLPNVIVEVQDRKHICPYRTN KYGEYLLLLPGSYIINVTVP GHDPHITKVIPEKSNFSA  
LKKDILLPFQGLDSIPVSNPSCMPIPLYRNL PDHVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.