

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 ZnCl₂,pH7.5.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : LDFNYHRQEGMEAF LKTVAQNYSSVTHLH SIGKSVKGRNLWVLVVGRFPKEHRIGIPEFKYVANMHGDET VGR
ELLLHLIDYLVTS DGKDPEITNLINSTR IHIMPSMNP DGF EAVKKPDCYYSIGRENYNQYDLNRNFPDAFEYNNVS
RQPETVAVMKWLKTET FVLSANLHGGALVASYPFDNGVQATGALYSRSLTPDDDV FQYLAHTYASRNPNMKK
GDECKNKMNF PNGVTNGYSWYPLQGGMQDYN IWAQC FEITL ELSCCKYPREEKLPSFWNNNKASLIEYIKQV
HLGVKGQVFDQNGNPLPNVIVEVQDRKHICPYRTNKYGEYLLLP GSYIINVTVP GHDPHITKVIIEKSQNFSA
LKKDILLPFQGLDSIPVSNPSCPMIPLYRNLDPDHDH HHHHHH

Application Note

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