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32-7635: Recombinant Mouse Carboxypeptidase M/CPM (C-6His)

Gene : Cpm
Gene ID : 70574
Uniprot ID : Q80V42

Description

Source: Human Cells.
MW :47.5kD.
Recombinant Mouse carboxypeptidase M is produced by our Mammalian expression system and the target gene encoding Leu18-Ser423 is expressed with a 6His tag at the C-terminus. Carboxypeptidase M (CPM) belongs to the peptidase M14 family, and exists in cell membrane. The protein binds 1 zinc ion per subunit, and cleavage of C-terminal arginine or lysine residues from polypeptides. CPM specifically removes C-terminal basic residues (Arg or Lys) from peptides and proteins. It is believed to play important roles in the control of peptide hormone and growth factor activity at the cell surface, and in the membrane-localized degradation of extracellular proteins.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	LDFRYHHQEGMEAFLKSVAQNYSSITHLHSIGKSVRGRNLWVLVVGQTPKEHRVGIPEFKYVANMHGDETVGR ELLLHLIDYLVSSYRKDPEITHLIDSTRIHIMPSMNPDGFEAVQKPDCYYSNGRENYNNYDLNRNFPDAFENNNV TKQPETLAIMEWLKTETFVLSANLHGGALVASYPFDNGVQATGTLLSRSLTPDDDVFQHLAYTYASRNPNMTK GDQCKNKRNFPNGIINGYSWYPLQGGMQDYNYIWAQCFEITLELSCCKYPREEKLPLFWNDNKASLIEYIKQVH LGVKGQVFDQSGAPLPNVIVEVQDRKHICPFRTNKLGEYYLLLLPGSYVINVTVPGHDSYLTKLTIPGKSQPFSAL KKDFHLPLRWQPDSISVSNPSCPMIPLYKFMPSHSVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.