

## Product datasheet for **TP726890**

### Cpm Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Carboxypeptidase M/CPM (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Leu18-Ser423
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	70574
UniProt ID:	<a href="#">Q80V42</a>
Summary:	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.



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