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Datasheet for ABIN1880663  
**CPM Protein (AA 18-422) (His tag)**

### Overview

Quantity:	50 µg
Target:	CPM
Protein Characteristics:	AA 18-422
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPM protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Carboxypeptidase M/CPM (C-6His)
Sequence:	LDFNYHRQEG MEAFLKTVAQ NYSSVTHLHS IGKSVKGRNL WVLVGRFPK EHRIGIPEFK YVANMHGDET VGRELLHLI DYLVTS DGKD PEITNLINST RIHIMP SMNP DGFEAVKKPD CYYSIGRENY NQYDLNRNFP DAFEYNNVSR QPETVAVMKW LKTETFVLSA NLHGGALVAS YFPDNGVQAT GALYSRSLTP DDDVFQYLAH TYASRNPNMK KGDECKNKMN FPNGVTNGYS WYPLQGGMQD YNYIWAQCFE ITLELSCCKY PREEKLPSFW NNNKASLIEY IKQVHLGVKG QVFDQNGNPL PNVIVEVQDR KHICPYRTNK YGEYLLLLLP GSYIINVTVP GHDPHITKVI IPEKSQNFSA LKKDILLPFQ QQLDSIPVSN PSCPMIPLYR NLPDHVDHHH HHH
Characteristics:	Recombinant Human Carboxypeptidase M/CPM is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Leu18-His422) of Human CPM fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

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Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	CPM
Alternative Name:	CPM ( <a href="#">CPM Products</a> )
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative Names: Carboxypeptidase M(CPM for short), is a cell membrane which belongs to the peptidase M14 family.</p>
Molecular Weight:	47.3 kDa
UniProt:	<a href="#">P14384</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 1 mM ZnCl <sub>2</sub> , pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at &lt; -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>

## Handling

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Expiry Date: 6 months