

## Recombinant Mouse Cpm, His tagged

**Cat. No.** Cpm-2506M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cpm (Q80V42-1) extracellular domain isoform 1 (Met 1-His 422) without the propeptide, fused with a C-terminal polyhistidine tag, was produced in Human Cell.                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                             |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-422 a.a.                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                              |
| <b>Molecular Mass</b>   | The secreted recombinant mouse CPM comprises 416 amino acids and has a calculated molecular mass of 47.8 kDa. The apparent molecular mass of rmCPM is approximately 52 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                   |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                         |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                  |

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## GENE INFORMATION

|                 |                                         |
|-----------------|-----------------------------------------|
| Gene Name       | Cpm carboxypeptidase M [ Mus musculus ] |
| Official Symbol | Cpm                                     |
| Gene ID         | 70574                                   |
| mRNA Refseq     | NM_027468                               |
| Protein Refseq  | NP_081744                               |

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