

Recombinant Mouse CPM Protein

| Catalog # | Source | Reactivity | Applications |
|---------------------------|---|------------|---------------------|
| CRP1338 | Human cells | Mouse | E, WB, SDS-PAGE, MS |
| Description | Recombinant Mouse CPM Protein is produced by our mammalian expression system and the target gene encoding Leu18-Ser423 is expressed with a 6His tag at the C-terminus. | | |
| Form | Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4. | | |
| Gene Symbol | CPM | | |
| Alternative Names | Carboxypeptidase M; CPM | | |
| Entrez Gene | 70574 (Mouse) | | |
| SwissProt | Q80V42 (Mouse) | | |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. | | |
| Chemical Structure | <p>LDFRYHHQEG MEAFLKSVAQ NYSSITHLHS IGKSVRGRNL WVLVVGQTPK EHRVGIPEFK YVANMHGDET VGRELLHLI DYLVSSYRKD PEITHLIDST RIHIMPSMNP DGFEAVQKPD CYNSNGRENY NNYDLNRNFP DAFENNNVTK QPETLAIMEW LKTETFLVLSA NLHGGALVAS YPFDNGVQAT GTLLSRSLTP DDDVFQHLAY TYASRNPNT KGDQCKNKRN FPNGIINGYS WYPLQGGMQD YNYIWAQCFE ITLELSCCKY PREEKLPLFW NDNKASLIEY IKQVHLGVKG QVFDQSGAPL PNVIVEVQDR KHICPFRTNK LGEYLLLLLP GSYVINVTVP GHDSYLTKLT IPGKSQPFSA LKKDFHLPLR WQPDSISVSN PSCPMIPLYK FMPSHSVDHH HHHH</p> | | |
| Quality Control | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test. | | |
| Directions for Use | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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