

## Recombinant Human CPM Protein

Catalog #	Source	Reactivity	Applications
CRP1337	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CPM Protein is produced by our mammalian expression system and the target gene encoding Leu18-His422 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM ZnCl <sub>2</sub> , pH 7.5.		
<b>Gene Symbol</b>	CPM		
<b>Alternative Names</b>	Carboxypeptidase M; CPM		
<b>Entrez Gene</b>	1368 (Human)		
<b>SwissProt</b>	P14384 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>           LDFNYHRQEG MEAFLKTVAQ NYSSVTHLHS IGKSVKGRNL WVLVVGRFPK EHRIGIPEFK            YVANMHGDET VGRELLHLI DYLVTS DGKD PEITNLINST RIHIMP SMNP DGFEAVKKPD            CYYSIGRENY NQYDLNRNFP DAFEYNNVSR QPETVAVMKW LKTETFLVLSA NLHG GALVAS            YPFDNGVQAT GALYSRSLTP DDDVFQYLAH TYASRNP NMK KGDECKNKMN FPNGVTNGYS            WYPLQGGMQD YNYIWAQCFE ITLELSCCKY PREEKLPSFW NNNKASLIEY IKQVHLGVKG            QVFDQNGNPL PNVIVEVQDR KHICPYRTNK YGEYLLLLLP GSYIINVTVP GHDPHITKVI            IPEKSQNFSA LKKDILLPFQ GQLDSIPVSN PSCPMIPLYR NLPDHDVHHH HHH         </p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**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

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)

# Product Data Sheet

**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

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)