

Recombinant Mouse CNDP2 Protein

Catalog #	Source	Reactivity	Applications
CRP1320	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CNDP2 Protein is produced by our mammalian expression system and the target gene encoding Met1-Asn475 is expressed with a 6His tag at the C-terminus.
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Gene Symbol	CNDP2
Alternative Names	CN2; CPGL; PEPA; Cytosolic non-specific dipeptidase; CNDP dipeptidase 2; Glutamate carboxypeptidase-like protein 1; Peptidase A
Entrez Gene	66054 (Mouse)
SwissProt	Q9D1A2 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MSALKAVFQY IDENQDRYVK KLAEWVAIQS VSAWPEKRG E IRRMMEVAAA DVQRLGGSVE LVDIGKQKLP DGSEIPLPPI LLGKLGSDPQ KKTVCYIYGH L DVQPAALEDG WDSEPF TLVE REGKLYGRGS TDDKGPVAGW MNALEAYQKT GQEIPVNLRF CLEGMEESGS EGLDELIFAQ KDKFFKDVDY VCISDNYWLG KNKPCITYGL RGICYFFIEV ECSDKDLHSG VYGGSVHEAM TDLISLMGCL VDKKGGKILIP GINDAVAPVT DEEHALYDHI DFDMEEFKAD VGAETLLHSC KKDILMHRWR YPSLSLHGIE GAFSGSGAKT VIPRKVVGKF SIRLVPDMIP EVSSEQVSSY LSKKFAELQS PNKFKVYMGH GGKPWVSDFN HPHYQAGRRA LKTVFGVEPD LTREGGSIPV TLTFQEATGK NVMLLPVGS A DDGAHSQNEK LNRLNYIEGT KMLAAYLYEV SQLKNVDHHH HHH
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

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

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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