

Recombinant Mouse CPQ Protein

Catalog #	Source	Reactivity	Applications
CRP1340	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CPQ Protein is produced by our mammalian expression system and the target gene encoding Lys19-Ser470 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CPQ		
Alternative Names	Hls2; Pgcp; Carboxypeptidase Q; Hematopoietic lineage switch 2; Plasma glutamate carboxypeptidase		
Entrez Gene	54381 (Mouse)		
SwissProt	Q9WVJ3 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>KAVFKNGVSQ RTFREIKEEI ANYEDVAKAI INLAVYGKYQ NRSYERLGLL VDTVGPRLSG</p> <p>SKNLEKAIQI MYQNLQQDGL ENVHLEQVRI PHWERGEESA VMLEPRIHKM AILGLGSSIG</p> <p>TPPGGITAEV LVVASFDELQ RRASEARGKI IVYNQPYTGY EKTQYRVVQG AVEAAKVGAV</p> <p>ASLIQSVASF SIYSPHTGIQ KYQDGVKIP TACITVEDAE MMSRMASRGN KIVIHLEMGA</p> <p>KTYPDTDSFN TVAEITGSMY PEEVVLVSGH LDSWDVGQGA LDDGGGAFIS WEALSLVKDL</p> <p>GLRPKRTLRL VLWTAEEQGG IGASQYYELH KANISKYSLV MEADSGTFLP TGLQFTGSDK</p> <p>ARAIMKEVMN LLQPLNVTKV FSNGEGTDIN FWIQAGVPGA SLRDDLYKYF FFHSHGDTM</p> <p>TVMDPKQMNV AAVWAVVAY VVADMDEMPL RSDHSHHHHH</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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated 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 Store it at -20°C to -80°C for one year.

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