

Recombinant Mouse CPA4 Protein

Catalog #	Source	Reactivity	Applications
CRP1333	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CPA4 Protein is produced by our mammalian expression system and the target gene encoding Gly17-Tyr420 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	CPA4		
Alternative Names	CPA3; Carboxypeptidase A4; Carboxypeptidase A3		
Entrez Gene	71791 (Mouse)		
SwissProt	Q6P8K8 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GRDKFFGDQV FRINVRNGDE IRKLTENVNS DHLKLSVWKS PSTFDRPVDI LVPSVSLLPV KSFLKSQGLD YSVTIEDLQA LLDNEDEEMQ HNEGIERSGD FNYGAYHPLE AIYHEMDSIA TDFPELVSRV KIGETFEKRP MYVLKFSTGG GKKRPAIWLN AGIHAREWIS QATAIWTARK IVTDYKKDPA ITSILKKVDI FLLPVANPDG YVYTQSQNRL WRKTRSRNPG SRCVGADPNR NWNASFAGEG TSDNPCSEVY HGSHPNSEVE VKSVVDFIQK HGNFKCFIDL HSYSQLLMYP YGYTVKKAPD AEELDDVARN AAQALASLSG TKYRVGPTCT TVYPASGSSV DWAYDNGIKY AFTFELRDTG YYGFLLPASQ IIPAEETWL GLKTIMEHVR DHLYVDHHHH HH		
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.		
Storage/Stability	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

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Product Data Sheet

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