

Recombinant Human CPA4 Protein

Catalog #	Source	Reactivity	Applications
CRP1332	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CPA4 Protein is produced by our Mammalian expression system and the target gene encoding Gly17-Tyr421 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, pH 7.5.		
Gene Symbol	CPA4		
Alternative Names	CPA3; Carboxypeptidase A4; Carboxypeptidase A3		
Entrez Gene	51200 (Human)		
SwissProt	Q9UI42 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>GQEKFFGDQV LRINVRNGDE ISKLSQLVNS NNLKLNFWKS PSSFNRPV DV LVPSVSLQAF KSFLRSQGLE YAVTIEDLQA LLDNEDDEM Q HNEGQERSSN NFNYGAYHSL EAIYHEMDNI AADFPDLARR VKIGHSFENR PMYVLKFSTG KGVRRPAVWL NAGIHSREWI SQATAIWTAR KIVSDYQRDP AITSILEKMD IFLLPVANPD GYVYTQTQNR LWRKTRSRNP GSSCIGADPN RNWNASFAGK GASDNPCSEV YHGPHANSEV EVKSVVDFIQ KHGNFKGFID LHSYSQLLMY PYGYSVKKAP DAEELDKVAR LAAKALASVS GTEYQVGPTC TTVYPASGSS IDWAYDNGIK FAFTFELRDT GTYGFLLPAN QIIPTAEETW LGLKTIMEHV RDONLYVDHHH HHH</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.		
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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