

Recombinant Human CPA1 Protein

Catalog #	Source	Reactivity	Applications
CRP1329	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CPA1 Protein is produced by our Mammalian expression system and the target gene encoding Lys17-Tyr419 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	CPA1		
Alternative Names	CPA; Carboxypeptidase A1		
Entrez Gene	1357 (Human)		
SwissProt	P15085 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>KEDFVGHQVL RISVADEAQV QKVKELEDLE HLQLDFWRGP AHPGSPIDVR VPFPSIQAVK IFLESHGISY ETMIEDVQSL LDEEQEQMFA FRSRARSTDT FNYATYHTLE EIYDFLDLLV AENPHLVSKI QIGNTYEGRP IYVLKFSTGG SKRPAIWIDT GIHSREWVTQ ASGVWFACKI TQDYGQDAAF TAILDTLDIF LEIVTNPDPGF AFTHSTNRMW RKTRSHTAGS LCIGVDPNRN WDAGFGLSGA SSNPCSETYR GKFANSEVEV KSIVDFVKDH GNIKAFISIH SYSQLLMYPY GYKTEPVPDQ DELDQLSKAA VTALASLYGT KFNYGSIKA IYQASGSTID WTYSQGIKYS FTFELRDTGR YGFLLPASQI IPTAKETWLA LLTIMEHTLN HPYVDHHHHH H</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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