

Recombinant Human ACPD Protein

Catalog #	Source	Reactivity	Applications
CRP1006	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ACPD Protein is produced by our Mammalian expression system and the target gene encoding Lys33-Asp386 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	ACPD		
Alternative Names	Prostatic acid phosphatase; PAP; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; Thiamine monophosphatase; TMPase		
Entrez Gene	55 (Human)		
SwissProt	P15309 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	KELKFVTLVF RHGDRSPIDT FPTDPIKES WPQGFGLTQ LGMEQHYELG EYIRKRYRKF LNESYKHEQV YIRSTDVRT LMSAMTNLAA LFPPEGVSIW NPILLWQPIP VHTVPLSEDD LLYLPRNCP RFQELESETL KSEEFQKRLH PYKDFIATLG KLSGLHGQDL FGIWSKVYDP LYCESVHNFT LPSWATEDTM TKLRELSLS LLSLYGIHKQ KEKSRLQGGV LVNEILNHHK RATQIPSYKK LIMYSAHDTT VSGLQMALDV YNGLLPPYAS CHLTELYFEK GEYFVEMHYR NETQHEPYPL MLPGCSPSCP LERFAELVGP VIPQDWSTEC MTTNSHQGTE DSTDVDHHHH 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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