

Recombinant Human ALPP Protein

Catalog #	Source	Reactivity	Applications
CRP1042	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ALPP Protein is produced by our Mammalian expression system and the target gene encoding Ile23-Asp506 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, 0.2mM GaCl, 10% Glycerol, pH 7.5		
Gene Symbol	ALPP		
Alternative Names	PLAP; Alkaline phosphatase, placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1		
Entrez Gene	250 (Human)		
SwissProt	P05187 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	IIPVEEENPD FWNREAAEAL GAAKKLQPAQ TAAKNLIIFL GDGMGVSTVT AARILKGQKK DKLGPEIPLA MDRFPYVALS KTYNVDKHVP DSGATATAYL CGVKGNFQTI GLSAAARFNQ CNTTRGNEVI SVMNRAKKAG KSVGVTITTR VQHASPAGTY AHTVNRNWYS DADVPA SARQ EGCQDIATQL ISNMDIDVIL GGGRKYMFRM GTPDPEYPDD YSQQGGTRLDG KNLVQEWLAK RQGARYVWNR TELMQASLDP SVTHLMGLFE PGDMKYEIHR DSTLDPSLME MTEAALRLLS RNPRGFFLV EGGRIDHGHG HESRAYRALTE TIMFDDAIER AGQLTSEEDT LSLVTADHSH VFSFGGYPLR GSSIFGLAPG KARDRKAYTV LLYGNGPGYV LKDGARPDVT ESESGSPEYR QQSAVPLDEE THAGEDVAVF ARGPQAHLVH GVQEQTFLAH VMAFAACLEP YTACDLAPPA GTTDVDHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
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

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.

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