

Recombinant Human ALPL Protein

Catalog #	Source	Reactivity	Applications
CRP1041	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ALPL Protein is produced by our Mammalian expression system and the target gene encoding Leu18-Ser502 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM HEPES, 150mM NaCl, 2mM MgSO4, 0.1mM ZnCl2, pH 7.5.		
Gene Symbol	ALPL		
Alternative Names	Alkaline phosphatase, tissue-nonspecific isozyme; AP-TNAP; TNSALP; Alkaline phosphatase liver/bone/kidney isozyme		
Entrez Gene	249 (Human)		
SwissProt	P05186 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	LVPEKEKDPK YWRDQAQETL KYALELQKLN TNVAKNVIMF LGDGMGVSTV TAARILKGQL HHNPGEETRL EMDKFPFVAL SKTYNTNAQV PDSAGTATAY LCGVKANEGT VGVSAATERS RCNTTQGNEV TSILRWAKDA GKSVGIVTTT RVNHATPSAA YAHSAARDWY SDNEMPPEAL SQGCKDIAYQ LMHNIRDIDV IMGGGRKMY PKNKTDVEYE SDEKARGTRL DGLDLVDTWK SFKPRYKHSI FIWNRTLLT LDPHNVDYLL GLFEPGDMQY ELNRNNVTDP SLSEMVVVAI QILRKNPKGF FLLVEGGRID HGHHEGKAKQ ALHEAVEMDR AIGQAGSLTS SEDTLTVVTA DHSVFTFGG YTPRGNSIFG LAPMLSDDTK KPFTAILYGN GPGYKVVGGG RENVSMVDYA HNNYQAQSAV PLRHETHGGE DVAVFSKGPM AHLLHGVHEQ NYVPHVMAYA ACIGANLGHC APASSVDVHH HHHH		
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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