

Alkaline Phosphatase Recombinant Protein | ALPL recombinant protein

Recombinant Alkaline Phosphatase, Liver/Bone/Kidney (ALPL)

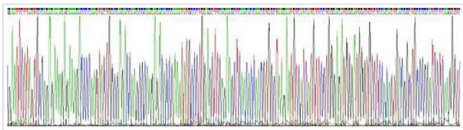
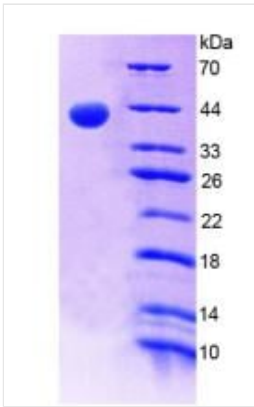
CATALOG # AAA144148	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Alkaline Phosphatase; Recombinant Alkaline Phosphatase; Liver/Bone/Kidney (ALPL); ALPL recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for ALPL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu18~Arg335
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	7.0
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

```
LVP EKEKDPKYMR DQAQETLKYA LELQKLNTNV
AKNVIMFLGD GMGVSTVTAA RILKGQLHHN PGEETRLMD KFPFVALSKT
YNTNAQVPDS AGTATAYLCG VKANEGTVGV SAATERSRCN TTQNEVTSI
LRHAKDACKS VGIVTTTRVN HATPSAAYAH SADRHWYSDN EMPPEALSQG
CKDIAYQLMH NIRDIDVING GGRKYHYPKN KTDVEYESDE KARGTRLDGL
DLVDTWKSFK PRYKHSFIW NRTELLTLDP HNVGYLLGLF EPGDMQVELN
RNNVTDPSLS EMVVVAIQIL RKNPKGFFLL VEGGR
```

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	312940333
Molecular Weight	Predicted Molecular Mass: 39.3kDa Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Alkaline phosphatase
UniProt Protein Name	Alkaline phosphatase
UniProt Gene Name	Calni_1618
UniProt Entry Name	E4TFF2_CALNY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.