

Recombinant Alkaline Phosphatase, Tissue-nonspecific (ALPL) Instruction Manual

SIPB061Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	39.3kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu18~Arg335 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LVP EKEKDPKYWR DQAQETLKYA LELQKLNTNV  
AKNVIMFLGD GMGVSTVTAA RILKGQLHHN PGEETRLEMD KFPFVALSKT  
YNTNAQVPDS AGTATAYLCG VKANEGTVGV SAATERSRCN TTQGNEVTSI  
LRWAKDAGKS VGIVTTTRVN HATPSAAYAH SADRWDYSDN EMPPEALSQG  
CKDIAYQLMH NIRDIDVIMG GGRKYMYPKN KTDVEYESDE KARGTRLDGL  
DLVDTWKSFK PRYKHSFIW NRTELLTLDP HNVDYLLGLF EPGDMQYELN  
RNNVTDPSLS EMVVVAIQIL RKNPKGFFLL VEGGR
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°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.

Image

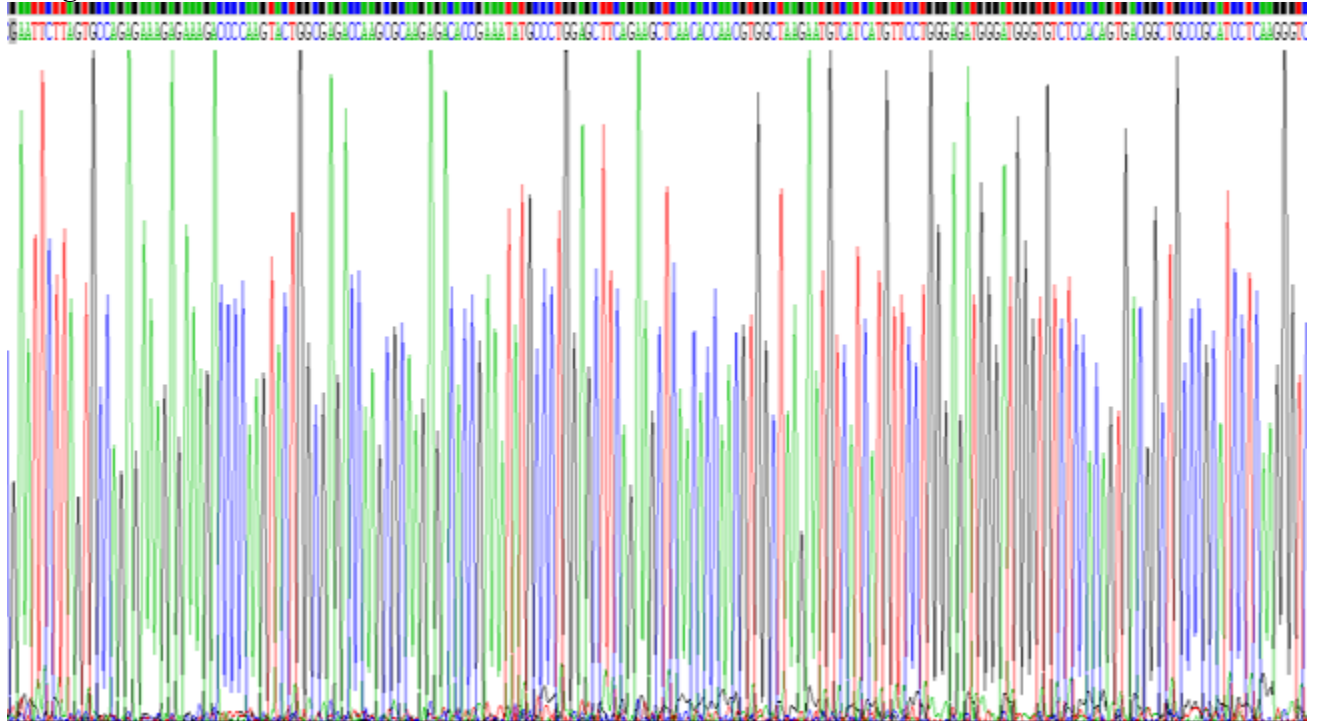


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

