SunLong Biotech Co.,LTD
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Recombinant Alkaline Phosphatase, Tissue-nonspecific (ALPL)

Catalog Number: SIPB061Mu01 **Spec: 100ug**

Product Name	Recombinant Alkaline Phosphatase, Tissue-nonspecific (ALPL)
Catalog Number	SIPB061Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Phe18~Arg335 (Accession # P09242)
Tags	N-terminal His Tag
Subcellular Location	Membrane, Mitochondrion
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	7.3
Predicted Molecular Mass	37.2kDa
Accurate Molecular Mass	37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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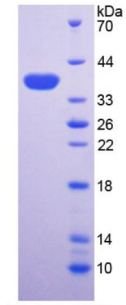
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

FVP EKERDPSYWR QQAQETLKNA LKLQKLNTNV AKNVIMFLGD GMGVSTVTAA RILKGQLHHN TGEETRLEMD KFPFVALSKT
YNTNAQVPDS AGTATAYLCG VKANEGTVGV SAATERTRCN TTQGNEVTSI LRWAKDAGKS VGIVTTTRVN HATPSAAYAH SADRDWYSDN
EMPPEALSQG CKDIAYQLMH NIKDIDVIMG GGRKYMYPKN RTDVEYELDE KARGTRLDGL DLISIWKSFK PRHKHSHYVW NRTELLALDP
SRVDYLLGLF EPGDMQYELN RNNLTDPSLS EMVEVALRIL TKNLKGFFLL VEGGR

[IDENTIFICATION]



15% 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.