

Recombinant Alkaline Phosphatase, Placental Like Protein 2 (ALPPL2) Instruction Manual

SIPJ976Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	82.6kDa
Accurate Molecular Mass	83kDa(Analysis of differences refer to the manual)
Residues & Tags	Val19~Ser502 with N-terminal His and GST 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	> 80%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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VI PVEEENPAFW NRKAAEALDA AKKPKPIQTS  
AKNLVILMGD GMGVSTVTAT RILKGQQQGH LGPETQLAMD RFPHMALSKT  
YNTDKQIPDS AGTGTAFLCG VKTNMKVIGL SAAARFNQCN TTWGNEVVS  
MHRAKKAGKS VGVVTTTSVQ HASPAGTYAH TVNRGWYSDA QMPASALQDG  
CKDISTQLIS NMDIDVILGG GRKFMFPKGT PDQEYPTDTK QAGTRLDGRN  
LVQEWLAKHQ GARYVWNRSE LIQASLNRSV THLMGLFEPN DMKYEIHRDP  
AQDPSLAEMT EVAVRMLSRN PKGFYLFVEG GRIDHGHET VAYRALTEAV  
MFDSAVDKAD KLTSEQDTMI LVTADHSHVF SFGGYTQRGA SIFGLAPFKA  
EDGKSFTSIL YGNPGYKLNH NGARADVTEE ESSNPTYQQQ AAVPLSSETH  
SGEDVAIFAR GPQAHLVHGV QEQNYIAHVM AFAACLEPYT DCGLASPAGQ  
SS
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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.

