

**RPJ649Mu01 100µg**

**Recombinant Alkaline Phosphatase, Placental Like Protein 2 (ALPPL2)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Val19~Ser502

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Membrane

**Purity:** > 80%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, 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:** 6.8

**Predicted Molecular Mass:** 82.6kDa

**Accurate Molecular Mass:** 83kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

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

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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 ]**

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                VI PVEEENPAFW NRKAAEALDA AKKPKPIQTS
AKNLVILMGD  GMGVSTVTAT RILKGQQQGH LGPETQLAMD RFPHMALSKT
YNTDKQIPDS  AGTGTAFLCG VKTNMKVIGL SAAARFNQCN TTWGNEVVSV
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
    
```

**[ IDENTIFICATION ]**

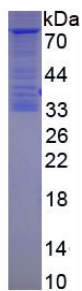


Figure. SDS-PAGE

**[ 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.