**RPJ649Hu01 10µg**

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

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

## [ PROPERTIES ]

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Ile20~Arg333

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane

**Purity:** > 97%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

**Original Concentration:** 120μg/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:** 6.9

**Predicted Molecular Mass:** 35.8kDa

**Accurate Molecular Mass:** 35kDa 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 2-8⁰C for one month.

Aliquot and store at -80⁰C 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 ]

```
          I  IPVEEENPDF  WNRQAAEALG  AAKKLQPAQT
AAKNLIIFLG  DGMGVSTVTA  ARILKGQKKD  KLGPETFLAM  DRFPYVALSK
TYSVDKHVPD  SGATATAYLC  GVKGNFQTIG  LSAAARFNQC  NTTRGNEVIS
VMNRAKKAGK  SVGVVTTTRV  QHASPAGAYA  HTVNRNWYSD  ADVPASARQE
GCQDIATQLI  SNMDIDVILG  GGRKYMFPMG  TPDPEYPDDY  SQGGTRLDGK
NLVQEWLAKH  QGARYVWNRT  ELLQASLDPS  VTHLMGLFEP  GDMKYEIHRD
STLDPSLMEM  TEAALLLLSR  NPRGFFLFVE  GGR
```

## [ IDENTIFICATION ]



15% SDS-PAGE
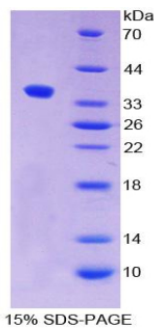
## [ IMPORTANT NOTE ]

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.