

RPD088Ra01 10 μ g

Recombinant Acid Phosphatase 6, Lysophosphatidic (ACP6)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Arg33~Glu413

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 350µg/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: 47.4kDa

Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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]

RNLLELKM VQVFRHGAR
 SPLKPLPLED QVEWNPKLE IPPQTRFEYT VANLAGGPKP HSHYDTEYHR
 TVLRGGMFAG QLTKVGMQQM FALGERLRKN YVEDIPFLSP IYNPQEVFVR
 STNMFRNLES TRCLLAGLFQ RQKESVIIHT DEAISEVLYP NYQSCWSLRE
 KTRGRKAAI SQPGILEDLE KVKAGVGIAD SDNVDFILL DNMVAEEAHS
 LLSSPALKRF AQLIEQRAVD MALYMLQQED RESIQMAVGP FLYILEGNLL
 KAVDPSTPPS KTRKMYLYAT HDVTLLPMLL ALGIFDNKWP PFAVDLTVEL
 YQHQESKEWF VRLSYNGQEQ VPRGCPDKLC PLDKFLNTMS AYSVSPEKYR
 RLCSQTRIME LGE

[IDENTIFICATION]

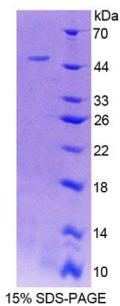


Figure. SDS-PAGE

[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.