RPD747Hu01 100µg

Recombinant Low Density Lipoprotein Receptor Related Protein 4 (LRP4)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Arg1610~Arg1885

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Brain, Kidney.

Subcellular Location: Membrane Curated; Single-pass type I membrane protein.

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.9

Predicted Molecular Mass: 59.9kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) 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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        R QTGTNACGVN NGGCTHLCFA RASDFVCACP DEPDSRPCSL
VPGLVPPAPR ATGMSEKSPV LPNTPPTTLY SSTTRTRTSL EEVEGRCSER
DARLGLCARS NDAVPAAPGE GLHISYAIGG LLSILLILVV IAALMLYRHK
KSKFTDPGMG NLTYSNPSYR TSTQEVKIEA IPKPAMYNQL CYKKEGGPDH
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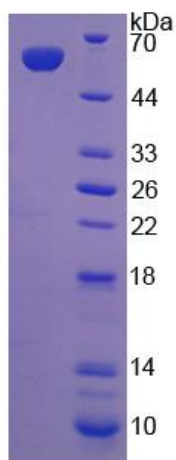
[IDENTIFICATION]

Figure 1. SDS-PAGE