

RPB010Hu02 1mg

Recombinant Low Density Lipoprotein Receptor Related Protein 1 (LRP1)

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: Ala20~Asp429

Tags: N-terminal His Tag

Subcellular Location: Membrane, Nucleus, Golgi apparatus

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 80µg/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: 4.7

Predicted Molecular Mass: 49.2kDa

Accurate Molecular Mass: 49kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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**]

A IDAPKTCSPK QFACRDQITC ISKGWRCDE
RDCPDGSDEA PEICPQSKAQ RCQPNEHNCL GTELCVPMSR LCNGVQDCMD
GSDEGPHCRE LQGNC SRLGC QHHC VPTLDG PTCYCNSSFQ LQADGKTCKD
FDECSVYGTC SQLCTNTDGS FICGCV EGYL LQPDNR SCKA KNEPVDRPPV
LLIANSQNIL ATYLSGAQVS TITPTSTRQT TAMDFS YANE TVCWVHV GDS
AAQTQLKCAR MPGLKGFVDE HTINISLSLH HVEQMAIDWL TGNFYFVDDI
DDRIFVCNRN GDTCVTL LDL ELYNPKGIAL DPAMGKVFFT DYQGIPKVER
CDMDGQNRTK LVDSKIVFPH GITLDLVSRL VYWADAYLDY IEVVDYEGKG
RQTIIQGILI EHLYGLTVFE NYLYATNSD

[IDENTIFICATION]

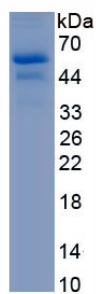


Figure. SDS-PAGE

[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.