

RPH194Ra01 10µg
Recombinant Scavenger Receptor Class B Member 1 (SCARB1)
Organism Species: *Rattus norvegicus* (Rat)
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: Pro33~Val440

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 50µg/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: 6.1

Predicted Molecular Mass: 74.8kDa

Accurate Molecular Mass: 75kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.2 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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                                PSLIKQQV LKNVRIDPSS
LSFGMWKEIP VPFYLSVYFF EVVNPSEVLN GQKPVVRRERG PYVYREFRQK
VNITFNDNDT VSYIENRSLR FQPDRSQGSE SDYIVLPNIL VLGGAVMMED
KPTSLKLLMT LGLVTMGQRA FMNRTVGEIL WGYEDPFVNF LSKYFPDMFP
IKGKFGFLVVG MNDSSSGVFT VFTGVQNFSSK IHLVDKWNGL SEVNYWHSEQ
CNMINGTAGQ MWAPFMTPEP SLEFFSPEAC RSMKLTYES RVFEGIPTYR
FTAPDTLFAN GSVYPPNEGF CPCRESGIQN VSTCRFGAPL FLSQPHFYNA
DPVLSEAVLG LNPDPKEHSL FLDIHPVTGI PMNCSVKMQL SLYIKSVKGV
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[IDENTIFICATION]

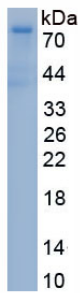


Figure. SDS-PAGE

[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.