

RPF452Ra01 100µg

Recombinant Flotillin 1 (FLOT1)

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: Met1~Ala428

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 200µg/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: 7.2

Predicted Molecular Mass: 51.2kDa

Accurate Molecular Mass: 54kDa 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 2-8°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]

MFFTCGPNEA MVSFGFCRSP PVMVAGGRVF VLPCIQQIQR ISLNTLTLNV
KSEKVYTRHG VPISVTGIAQ VKIQGQNKEM LAAACQMFLG KTEAEIAHIA
LETLEGHQRA IMAHMTVEEI YKDRQKFSEQ VFKVASSDLV NMGISVVSYT
LKDIHDDQDY LHSLGKARTA QVQKDARIGE AEAKRDAGIR EAKAKQEKVS
AQCLSEIEMA KAQRDYELKK ATYDIEVNTR RAQADLAYQL QVAKTKQIE
EQRVQVQVVE RAQQVAVQEQ EIARREKELE ARVRKPAAEAE RYRLERLAEA
EKAQLIMQAE AEAESVRMRG EAEFAVVGAR ARAEAEQMAK KAEAFQMYQE
AAQLDMLLEK LPQVAEEISG PLTSANKITL VSSGSGTMGA AKVTGEVLDI
LSRLPESVER LTGVSISQVN HNKPLRTA

[IDENTIFICATION]

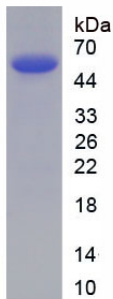


Figure. SDS-PAGE

[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.