RPB367Mu01 10μg

Recombinant Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.
Host: *E. coli*
Residues: Asn46~Thr322
Tags: N-terminal His-Tag
Tissue Specificity: Liver.
Subcellular Location: Cell membrane; Single-pass type I membrane protein. Cytoplasm.
Purity: >92%
Traits: Freeze-dried powder
Buffer formulation: 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
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: 7.6
Predicted Molecular Mass: 32.4kDa
Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

NTTLQ
ITCRGQRDLD WLWPNAQRDS EERVLVTECG GGDSIFCKTL TIPRVVGNDT
GAYKCSYRDV DIASTVYVYV RDYRSPFIAS VSDQHGIVYI TENKNKTVVI
PCRGSISNLN VSLCARYPEK RFVPDGNRIS WDSEIGFTLP SYMISYAGMV
FCEAKINDET YQSIMYIVVV VGYRIYDVIL SPPHEIELSA GEKLVLNCTA
RTELNVGLDF TWHSPPSKSH HKKIVNRDVK PFPGTVAKMF LSTLTIESVT
KSDQGEYTCV ASSGRMIKRN RT

[IDENTIFICATION]

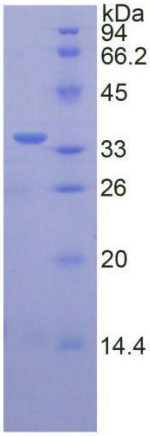

Figure 1. SDS-PAGE