YBB818Mu01 100μg

Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)

Organism Species: Mus musculus (Mouse)

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: Ser27~Val329

Tags: N-terminal His-Tag

Tissue Specificity: Brain, Lung, Liver.

Subcellular Location: Cell membrane; Single-pass type I membrane protein. Endosome.

Purity: >98%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method). **Traits:** Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200ug/mL

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

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

Predicted isoelectric point:

9.7 **Predicted Molecular Mass:**

35.5kDa

Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 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]

SKLK VPELSLKGTQ HVMQAGQTLF
LKCRGEAAHS WSLPTTVSQE DKRLSITPPS ACGRDNRQFC STLTLDTAQA
NHTGLYTCRY LPTSTSKKKK AESSIYIFVS DAGSPFIEMH TDIPKLVHMT
EGRQLIIPCR VTSPNVTVTL KKFPFDTLTP DGQRITWDSR RGFIIANATY
KEIGLLNCEA TVNGHLYQTN YLTHRQTNTI LDVQIRPPSP VRLLHGQTLV
LNCTATTELN TRVQMSWNYP GKATKRASIR QRIDRSHSHN NVFHSVLKIN
NVESRDKGLY TCRVKSGSSF QSFNTSVHV

[IDENTIFICATION]

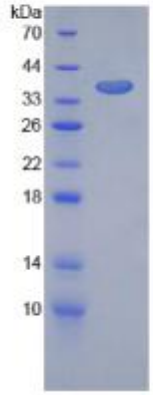

Figure 1. SDS-PAGE

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