

Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1) Instruction Manual

SIPB186Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Endosome
Predicted Molecular Mass	35.5kDa
Accurate Molecular Mass	37kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser27~Val329 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SKLK VPESLKGQTQ HVMQAGQTLF
LKCRGEEAHS WSLPTTVSQE DKRLSITPPS ACGRDNRQFC STLTLDTAQA
NHTGLYTCRY LPTSTSKKKK AESSIYIFVS DAGSPFIEMH TDIPKLVHMT
EGRQLIIPCR VTSPNVTVTL KKFPFDTLTP DGQRITWDSR RGFIIANATY
KEIGLLNCEA TVNGHLYQTN YLTHRQNTI LDVQIRPPSP VRL LHGQTLV
LNCTATTELN TRVQMSWNYP GKATKRASIR QRIDRSHSHN NVFHSVLKIN
NVESRDKGLY TCRVKSGSSF QSFNTSVHV
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USAGE

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

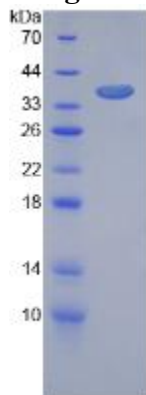


Figure. SDS-PAGE

[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.