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Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)

Catalog Number: SIPB186Ra01 **Spec: 100ug**

Product Name	Recombinant Vascular Endothelial Growth Factor Receptor 1 (VEGFR1)
Catalog Number	SIPB186Ra01
Organism Species	Rat
Source	Prokaryotic expression.
Host	E. coli
Residues	Ser303~Val524
Tags	N-terminal His-Tag
Tissue Specificity	Lung, Testis.
Subcellular Location	Single-pass type I membrane protein. Cell membrane; Endosome.
Purity	>98%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Original Concentration	200ug/mL
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.1
Predicted Molecular Mass	31.7kDa
Accurate Molecular Mass	32kDa 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 2-8oC for one month.

Aliquot and store at -80oC 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 37oC 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]

SRDKGLYT CRVKSGSSFR TFNTSVHVYE KGFISVKHRK QQVQETIAGK
RSHRLSMKVK AFPSPEVVWL KDGVPATEKS ARYSVHGYSL IIKDVTAEDA
GDYTILLGIK QSKLFRNLTA TLIVNVKPQI YEKSVSSLPS PPLYPLGSRQ
VLTCTVYGIP QPTIKWLWHP CHYNHSKERN DFCFGSEESF ILDSSSNIGN
RIEGITQRMM VIEGTNKTVS TLVV

[IDENTIFICATION]

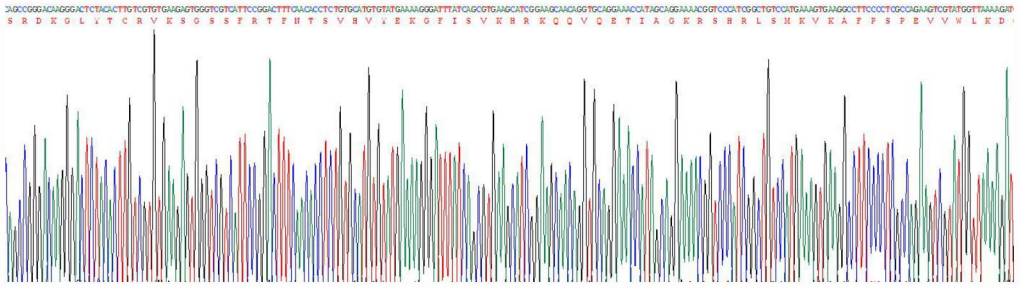


Figure 1. Gene Sequencing (Extract)

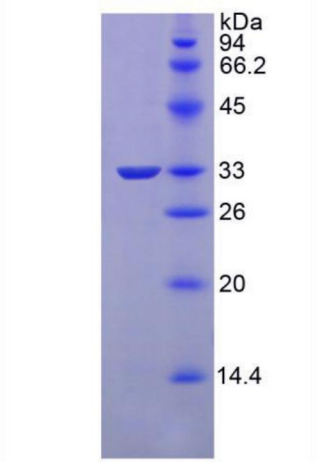


Figure 2. SDS-PAGE