

**RPB818Mu01 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

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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	VPELSLKG	TQ	HVMQAGQ	TLF
LKCRG	EAAHS	WSLPT	TVSQE	DKRLS	SITPPS	ACGRDN	RQFC
STLTL	DTAQA	NHTGL	YTCRY	LPTST	SKKKK	AESSIY	IFVS
DAGSP	FIEMH	TDIPK	LVMHT	EGRQL	IIPCR	VTSPN	VTVL
KKFP	DTLTP	DGQR	ITWDSR	RGFI	IANATY	KEIGL	LNCEA
TVNGH	LYQTN	YLTHR	QTNTI	LDVQ	IRPPSP	VRL	LHGQTLV
LNCTA	TTELN	TRVQM	SWNYP	GKAT	KRASIR	QRIDR	SHSHN
NVESR	DKGLY	TCRVK	SGSSF	QSFNT	SVHV		

## [ IDENTIFICATION ]

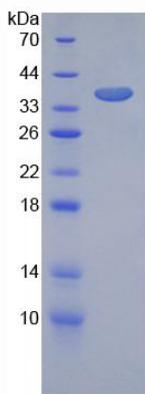


Figure 1. SDS-PAGE