

**RPB367Ra01 10µg**

**Recombinant Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR 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~Thr320

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Nucleus, Cytoplasm

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL.

**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:** 6.2

**Predicted Molecular Mass:** 34.8kDa

**Accurate Molecular Mass:** 35kDa 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.

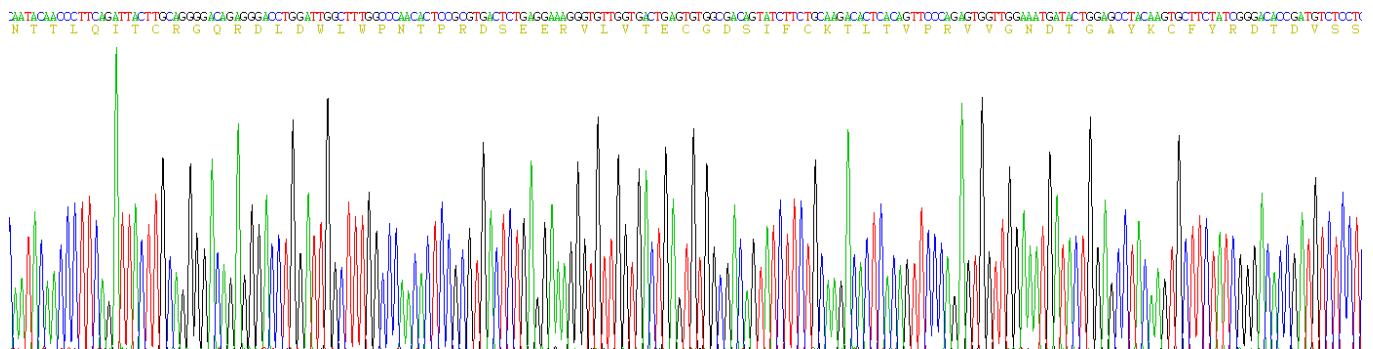
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## **[ SEQUENCE ]**

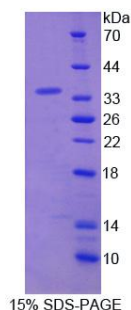
```

                                NTTLQ
ITCRGQRDL D WLWPNTPRDS EERVLVTECG DSIFCKTLTV PRVVGNDTGA
YKCFYRDTDV SSIVYVVYQD HRSPFIASVS DEHGIVYITE NKNKTVVIPC
RGSISNLNVS LCARYPEKRF VPDGNRISWD SEKGFTIPSY MisyAGMVFC
EAKINDETYQ SIMYIVLVVG YRIYDVVLSP PHEIELSAGE KLVVNCTART
ELNVGLDFSW QFPSSKHQHK KIVNRDVKSL PGTVAKMFLS TLTIDSVTKS
DQGEYTCTAY SGLMTKKNK
  
```

## [ IDENTIFICATION ]



**Figure. Gene Sequencing (Extract)**



15% 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.