



## Recombinant Rat VEGFR1 / FLT-1 Protein

Catalog No.: TP06244 10µg

### Sequence Information

**Species:** Rat

**Gene ID:**170580

**Swiss Prot:**P53767

**Synonyms:**Flt1

**Residues:**Met1-Glu758

MVSCWDTAVLPCALLGCLLLTGYSKGLKGPPELSLKGTQHVMQAGQTLFLKCRGEEAHSWSLPTTVSQEDKKLSVTRSACGRNNRQFCSTLTLNMAQ  
ANHTGLYSCRYPKSTSKKEMESAIYIFVSDAGSPFIEMHSDIPKLVHMTGEGRELIIPCRVTSPNITVTLKKFPFDALTPDGQRIAWDSRRGFIIAN  
ATYKEIGLLTCEATVNGHLYQTSYLTHRQTNTILDVQISPPSPVRFRLRGQTLVLNCTVTTDLNTRVQMSWNYPGKATKRASIRQRIDQSNPHSNVFHS  
VLKINNVESRDKGLYTCRVKSGSSFRFNTSVHVEYKGFISVKHRKQQVQETIAGKRSHRLSMKVKAFPSPEVWLLKDGVPATEKSARYSVHGYSLII  
KDVTAEADAGDYTILLGIKQSKLFRNLATLIVNVKQIYEKSVSSLPSPPLYPLGSRQVLTCTVYGIPQPTIKWLWHPCHYNHYSKERNDFCFGSEESF  
ILDSSSNIGNRIEGITQRMVIEGTNKTVSTLVVADSRTPGSYSCKAFNKIGTVERDIRFYVTDVDPNGFHVSLKIPTEGEDLKLSCVSKFLYRDIT  
WILLRTVNNRTHHSISKQKMATTQDYSITLNLVIKNVSLDSGTYACRARNIYTGEEILRKTEVLRDLEAPLLLQNLSDHEVSISSGSTTLDCQARG  
VPAPQITWFKNNHIQQEPGIIILGPGNSTLFIERVTEDEGVYRCRATNQKGVVSSAYLTVQGTSDKSNLELITLTCTCVAATLFWLLLTLFIRKLLK  
RSSSEVKTDYLSIIMDPDEVPLDEQCERLPYDASKWEFARERLKLKSLGRGAFGKVVQASAFGIKKSPTRCTVAVKMLKEGATASEYKALMTELKIL  
THIGHHLNVNLLGACTKQGGPLMVIVEYCKYGNLSNYLKSQRDFCLNKDAALHMEPKKEKLEPDLEQDQKPRLDSVSSSESFTSSGFQEDKSVSDV  
EGGEDYSEISKQPLTMEDLISYSFQVARGMEFLSSRKCIIHRDLAARNILLSENNVVKICDFGLARDIYKNPDYVRRGDRPLKWMAPESIFDKVYST  
KSDVWSYGVLLWEIFSLGGSPYPGVQMEDDFCSRLKEGMRMRTPPEYATPEIYQIMLDCWHKDPKERPRFAELVEKLGDLLQANVQQDGKDYIPLNAIL  
TRNSGFTYSVPTFSEDFKDGFTDPKFHSGSSDDVRYVNAFKFMSLERIKTFEELSPNATSMFEDYHLDTSLLTSPLLKRFWTETPKKASKMIDLR  
ITSKSKEAGLSDLPGPSFCFSSCGHIRPVRQEDEDPELGKESCCSPPPDYNSVVLVYSSPPA

### Product Information

**Source:** Eukaryotic expression.

**Host:** HEK293 Cells

**Tags:** C-terminal His

**Subcellular Location:** Membrane.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.2, containing 0.01% skl,5%Trehalose.

**Original Concentration:** 100µg/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:** 6.0

**Predicted Molecular Mass:** 84 kDa

**Accurate Molecular Mass:** 84 kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O/PBS to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

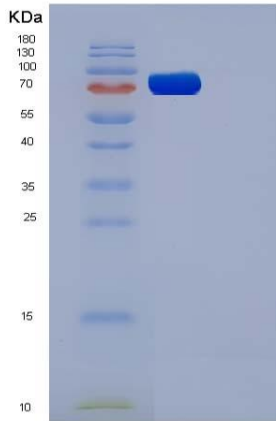
Store at 2-8°C for one month.

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.

## **[ IDENTIFICATION ]**



**Figure 1. SDS-PAGE**

## **[ IMPORTANT NOTE ]**

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.