

Datasheet for ABIN1642142

## FLT4 Protein (AA 25-775) (His tag)



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### Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 1 mg                                        |
| Target:                       | FLT4                                        |
| Protein Characteristics:      | AA 25-775                                   |
| Origin:                       | Rat                                         |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This FLT4 protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Sequence: | <p>YSMTTP TLNITEDSYV IDTGDSLSIS CRGQHPLEWT WRGAQEVLTG GKGDS EDTQV</p> <p>VQDCEGTEAR PYCKVLSLAQ THANNTGSYY CYYKYIKARI EGTAASTYV FVRDFEQPFI</p> <p>NKPD TLLVNR KDSMWVPCLV SIPGLNITLR SQSSVLHPDG QEVLWDDRRG MRVPTLLLRD</p> <p>ALYLQCETTW GDQDFLSNPF LVHITGNELY DIQLYPKKS L ELLVGEKLV L NCTVWAEFDS</p> <p>GVTFDWDYPG KQAERAKWVP ERRSQQTHT E LSSILTIHNV SQHDLGPYVC EANNGIQQFR</p> <p>ESTEVIVHEK PFISVEWLKG PVLEATAGDE MVKLPVKLAA YPPPEFQWYK DRKAVTGRHN</p> <p>PHALVLKEVT EASAGVYTLA LWNSAAGLRQ NISLELVNV PPHIHEKEAS SPSIYSRHSR</p> <p>QTLTCTTYGV PQPLSVQWHW RPWTPCKTFA QRSLRRRQPR DGMPQCRDWK EVTTQDAVNP</p> <p>IESLDTWTES VEGKNKTVSK LVIQDANVSA MYKCVVFNKV GQDERLIIFY VTTIPDGFSI</p> <p>ESEPS EDPLE GQSVRLSCRA DNYTYEHLRW YRLNLSTLHD AQGNPLLLDC KNVHLFATPL</p> <p>EANLEEAEPG ARHATLSLNI PRVAP EDEGD YVCEVQDRRS QDKHCHKKYL SVQALEAPRL</p> <p>TQNLTDLLVN VRTSLEMRCP VAGAHVPSIV WYKDERLLEK ESGIDLADSN QRLSIQRVRE</p> |
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## Product Details

EDAGRYLCSV CNAKGCVNSS ASVAVEGSED KGSME

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: FLT4

Alternative Name: Vascular endothelial growth factor receptor 3 (Flt4) ([FLT4 Products](#))

Background: Recommended name: Vascular endothelial growth factor receptor 3.  
Short name= VEGFR-3.  
EC= 2.7.10.1.  
Alternative name(s): Fms-like tyrosine kinase 4.  
Short name= FLT-4 Tyrosine-protein kinase receptor FLT4

UniProt: [Q91ZT1](#)

Pathways: [RTK Signaling](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGF Signaling](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

## Handling

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|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| Concentration:   | 0.2-2 mg/mL                                                                                         |
| Buffer:          | Tris-based buffer, 50 % glycerol                                                                    |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage:         | -20 °C                                                                                              |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |