

## Active Recombinant Human FLT4 Protein, GST/His-tagged

**Cat. No.** FLT4-4377H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FLT4 (NM_002020, 799 a.a. - 1298 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                            |
| <b>Protein Length</b>   | 799-1298 a.a.                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA. [provided by RefSeq] |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>     | 58 pmol/μg x min                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 85.565 kDa                                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | Functional Study<br>SDS-PAGE                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                |

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**Concentration** 0.151 µg/µL

**Storage Buffer** In 50 mM Hepes, 100 mM NaCl, pH 7.5 (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

## GENE INFORMATION

**Gene Name** [FLT4 fms-related tyrosine kinase 4 \[ Homo sapiens \]](#)

**Official Symbol** [FLT4](#)

**Synonyms** FLT4; fms-related tyrosine kinase 4; vascular endothelial growth factor receptor 3; PCL; VEGFR3; FLT-4; VEGFR-3; soluble VEGFR3 variant 1; soluble VEGFR3 variant 2; soluble VEGFR3 variant 3; fms-like tyrosine kinase 4; tyrosine-protein kinase receptor FLT4; FLT41; LMPH1A;

**Gene ID** [2324](#)

**mRNA Refseq** [NM\\_002020](#)

**Protein Refseq** [NP\\_002011](#)

**MIM** [136352](#)

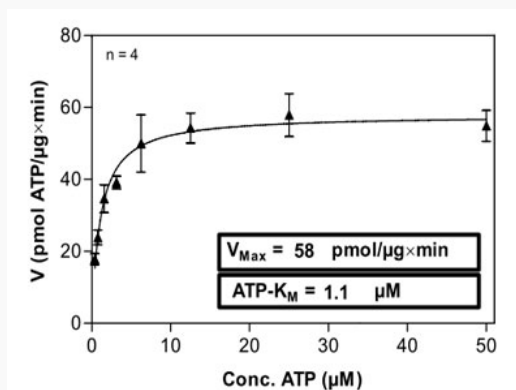
**UniProt ID** [P35916](#)

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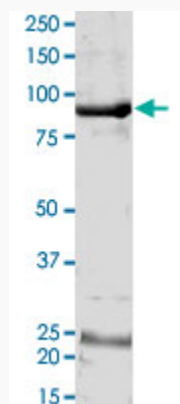
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## Result of activity analysis



## Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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