

## Recombinant Human FLT3 protein, His-tagged

**Cat. No.** FLT3-6334H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FLT3 protein(P36888)(564-958aa), fused with C-terminal His tag, was expressed in Insect cells.                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect cells                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 564-958aa                                                                                                                                                                                                                                        |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>   | 48.5 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

HKYKKQFRYESQLQMVQVTGSSDNEYFYVDFREYEDLKWEFPRENLEFGKVLGS  
GAFGKVMNATAYGISKTGVSIQVAVKMLKEKADSSEREALMSELKMMTQLGSHENI  
VNLLGACTLSGPIYLIFEYCCYGDLLNYLRSKREKFHRTWTEIFKEHNFSFYPTFQSH  
PNSSMPGSREVQIHPDSDQISGLHGNSFHSEDEIEYENQKRLEEEEDLNLVLTFFEDLL  
CFAYQVAKGMEFLEFKSCVHRDLAARNVLVTHGKVVKICDFGLARDIMSDSNYVVR  
GNARLPVKWMAPESLFEGIYTIKSDVWSYGILLWEIFSLGVNPYPGIPVDANFYKLIQ  
NGFKMDQPFYATEEIIYIMQSCWAFDSRKRPSFPNLTSFLGCQLADAEEMYQNV

**GENE INFORMATION**

**Gene Name** [FLT3 fms-related tyrosine kinase 3 \[ Homo sapiens \]](#)

**Official Symbol** [FLT3](#)

**Synonyms**

FLT3; fms-related tyrosine kinase 3; receptor-type tyrosine-protein kinase FLT3;  
CD135; FLK2; STK1; STK-1; CD135 antigen; FL cytokine receptor; fetal liver kinase  
2; fms-like tyrosine kinase 3; stem cell tyrosine kinase 1; growth factor receptor  
tyrosine kinase type III; FLK-2;

**Gene ID** [2322](#)

**mRNA Refseq** [NM\\_004119](#)

**Protein Refseq** [NP\\_004110](#)

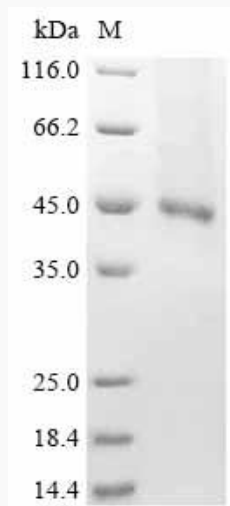
**MIM** [136351](#)

**UniProt ID** [P36888](#)

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**SDS-PAGE**

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