

Product datasheet

Recombinant human Flt3 ligand/Flt3L protein  
ab168707

3 Images

Description

<b>Product name</b>	Recombinant human Flt3 ligand/Flt3L protein	
<b>Biological activity</b>	The bio-activity was determined by dose-dependent stimulation of the proliferation of human acute myeloid leukemia cell line OCI-AML5. The ED <sub>50</sub> < 0.5 ng/ml, corresponding to a specific activity of >2X10 <sup>6</sup> Unit/mg	
<b>Purity</b>	> 95 % SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<a href="#">P49771</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	TQDCSFQHSPISDFAVKIRELSDYLLQDYPVTVASNL QDEELCGGLWRL VLAQRWMERLKTVAGSKMQGLLERVNTEIHFVTKCAF QPPPSCLRFVQTN ISRLQETSEQLVALKPWITRQNF SRCLELQCQPDSST LPPPWSRPLEA TAPTAPQPP	
<b>Predicted molecular weight</b>	19 kDa	
<b>Amino acids</b>	27 to 185	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab168707** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Form</b>	Lyophilised

**Additional notes**

Previously labelled as Flt3 ligand.

**Preparation and Storage**

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**Stability and Storage**

Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 95% PBS, 5% Trehalose

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile deionized water to a final concentration of 200 ug/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage

**General Info**

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**Function**

Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.

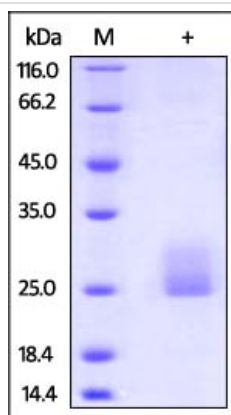
**Cellular localization**

Secreted and Cell membrane.

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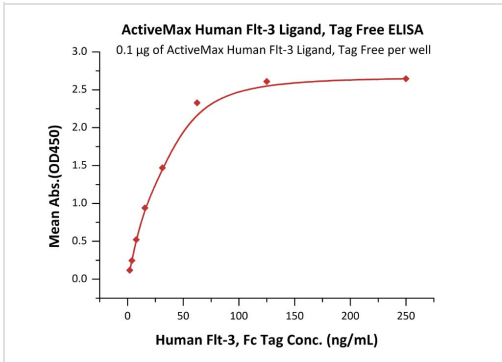
**Images**

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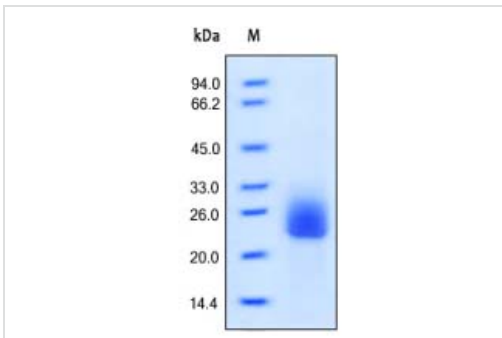
Human Flt-3 Ligand, Tag Free on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SDS-PAGE - Recombinant human Flt3 ligand/Flt3L protein (ab168707)



Immobilized Human Flt-3 Ligand, Tag Free at 1 µg/mL (100 µL/well) can bind Human Flt-3, Fc Tag with a linear range of 2-31 ng/mL.

Functional Studies - Recombinant human Flt3 ligand/Flt3L protein (ab168707)



SDS-PAGE analysis of reduced **ab168** stained overnight with Coomassie Blue. Protein migrates as 18-30 kDa in reduced SDS-PAGE resulting from glycosylation.

SDS-PAGE - Recombinant human Flt3 ligand/Flt3L protein (ab168707)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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