

# Recombinant mouse Flt3 ligand/Flt3L protein (Active) ab270071

画像数 4

### 製品の詳細

製品名	Recombinant mouse Flt3 ligand/Flt3L protein (Active)	
生理活性	Fully biologically active determined by the dose dependent proliferation of AML-5 cells. ED <sub>50</sub> is ≤2.54 ng/ml, corresponding to a specific activity of 0.39 x 10 <sup>6</sup> units/mg.	
精製度	≥ 95 % SDS-PAGE. =95% by HPLC	
エンドトキシン・レベル	≤0.005 Eu/μg	
発現系	HEK 293 cells	
アクセッション番号	<b><u>P49772</u></b>	
タンパク質長	Protein fragment	
Animal free	Yes	
キャリア・フリー	はい	
由来	Recombinant	
生物種	Mouse	
配列	GTPDCYFSHS PISSNFKVKF RELTDHLLKD YPVTVAVNLQ DEKHCKALWS LFLAQRWIEQ LKTVAGSKMQ TLLLEDVNTEI HFVTSCTFQP LPECLRFVQT NISHLLKDTC TQLLALKPCI GKACQNF SRC LEVQCQPDSS TLLPPRSPIA LEATELPEPR PRQ	
予測される分子量	19 kDa	
実際の分子量	19 kDa	
分子量情報	Predicted mass is 18570.46 Da (+/- 10 Da by ESI TOF). Observed mass is 18571 Da.	
領域	27 to 189	
配列の追加情報	N-terminal glycine tag. Full-length mature chain lacking the signal peptide.	

### 特性

Our **Abpromise guarantee** covers the use of **ab270071** in the following tested applications.

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

アプリケーション SDS-PAGE

HPLC  
Mass Spectrometry  
Functional Studies  
Cell Culture  
Lyophilized

製品の状態

前処理および保存

保存方法および安定性

Shipped at Room Temperature. Store at Room Temperature.

Constituents: 0.727% Dibasic monohydrogen potassium phosphate, 0.248% Monobasic dihydrogen potassium phosphate, 10.26% Trehalose

Buffer lyophilized from.

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

再構成

Reconstitute with phosphate buffered saline. Store lyophilized form at room temperature. Reconstitute, aliquot and store at -80°C for 12 months or +4°C for 1 week. Avoid repeated freeze-thaw. Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product. Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the product.

関連情報

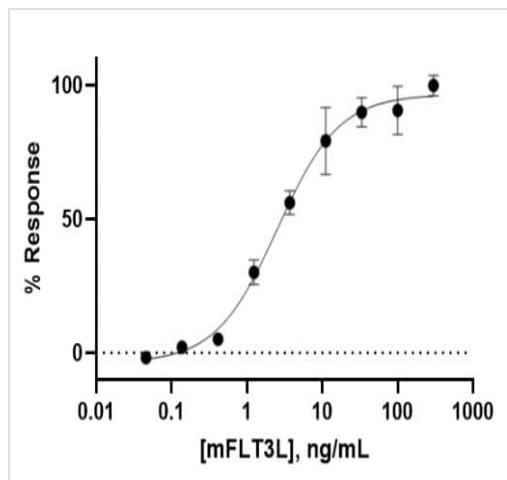
機能

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

細胞内局在

Secreted and Cell membrane.

画像



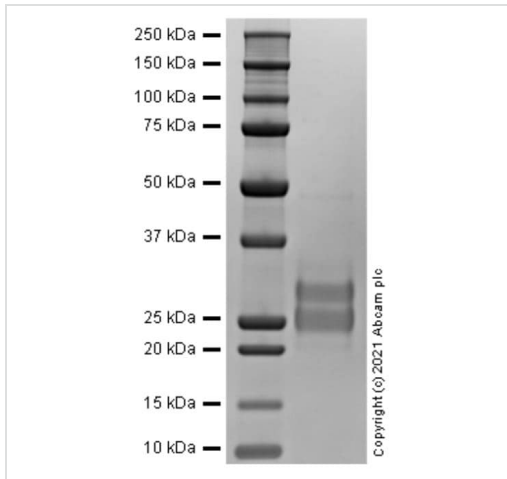
Fully biologically active determined by the dose dependent proliferation of AML-5 cells.

ED<sub>50</sub> is ≤2.54 ng/ml, corresponding to a specific activity of 0.39 x 10<sup>6</sup> units/mg.

*Cell based assay testing is performed on the first lot of protein only and is provided as a reference for protein activity; subsequent lots of protein must pass all biophysical quality control parameters that meet the same parameters as the first lot.*

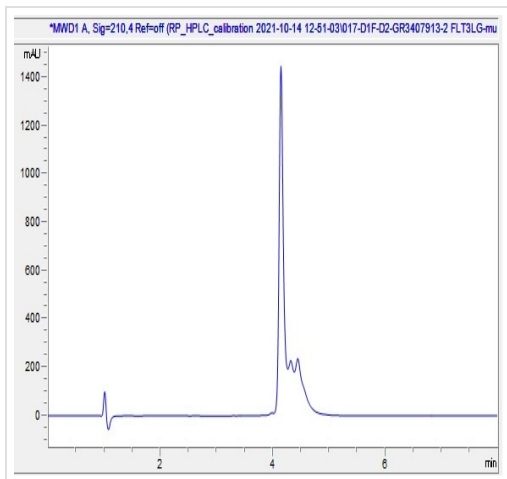
Lot GR3369520-1

Functional Studies - Recombinant mouse Flt3 ligand/Flt3L protein (ab270071)



SDS-PAGE analysis of ab270071.

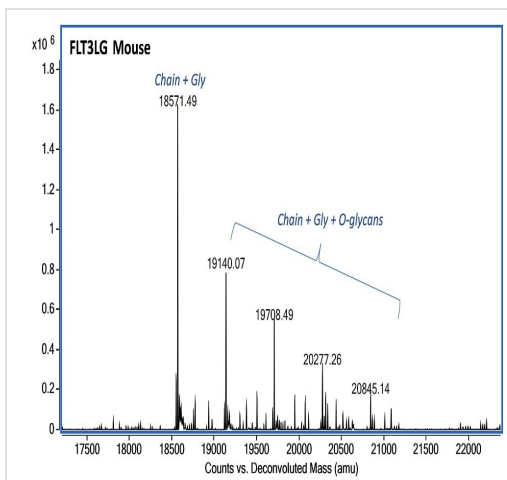
SDS-PAGE - Recombinant mouse Fit3 ligand/Fit3L protein (Active) (ab270071)



HPLC analysis of ab270071.

Additional peaks due to glycosylation.

HPLC - Recombinant mouse Fit3 ligand/Fit3L protein (Active) (ab270071)



Mass determination by ESI TOF

Predicted MW is 18570.46 +/- 10Da by ESI-TOF. Observed MW is 18571.49. Additional Peaks due to Chains +Gly + O-glycans.

Mass Spectrometry - Recombinant mouse Fit3 ligand/Fit3L protein (Active) (ab270071)

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

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