

Recombinant pig Flt3 ligand/Flt3L protein ab233680

2 Images

Description	
Product name	Recombinant pig Flt3 ligand/Flt3L protein
Biological activity	OCI-AML5 cell proliferation. ED ₅₀ ≤ 5 ng/mL (≥ 2.0 x 10 ⁵ units/mg).
Purity	> 95 % SDS-PAGE.
Endotoxin level	≤1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>D2K7D6</u>
Protein length	Protein fragment
Animal free	Yes
Nature	Recombinant
Species	Pig
Sequence	MSPDCSFPHSPISSTFANTIRQLSDYLLQDYPVTVASNLQD DELCGAFWR LVLAQRWMGQLKTVAGSQMQKLEAVNTEMFVTSCALQ PLPSCLRFBVQA NISHLLQDTSQQLVALKPWITRRNFSRCLELQCQPDPTLL PPRSPGALE ATSLP
Predicted molecular weight	17 kDa
Amino acids	30 to 183

Specifications	
Our Abpromise guarantee covers the use of ab233680 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Functional Studies SDS-PAGE
Form	Lyophilized
Additional notes	Previously labelled as Flt3 ligand.

Preparation and Storage	
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Stability and Storage

Shipped at 4°C. Store at -20°C long term.

Constituent: 0.16% Sodium phosphate

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

Reconstitution

Sterile water at 0.1 mg/mL. Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws.

General Info

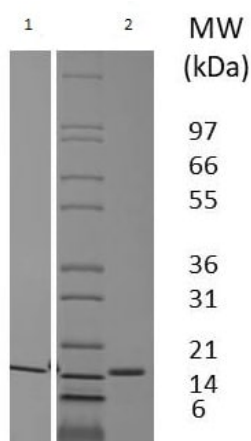
Function

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.

Images



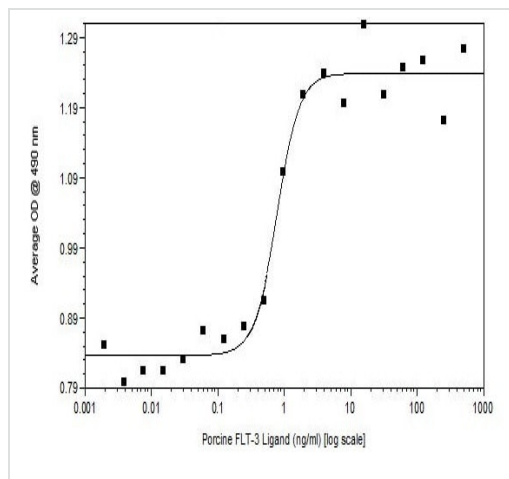
SDS-PAGE - Recombinant Flt3 ligand/Flt3L (Active) (ab233680) at 1 µg.

Lane 1: Non-reducing conditions.

Lane 2: Reducing conditions.

4-20% Tris-Glycine gel stained with Coomassie Blue.

SDS-PAGE - Recombinant pig Flt3 ligand/Flt3L protein (ab233680)



Pig Flt3 ligand/Flt3L (ab233680) induced proliferation of OCI-AML5 cells.

Functional Studies - Recombinant pig Flt3 ligand/Flt3L protein (ab233680)

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

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