

Datasheet for ABIN7274661

FLT3LG Protein (AA 27-189) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FLT3LG
Protein Characteristics:	AA 27-189
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT3LG protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse FLT3 Ligand Protein
Sequence:	Gly27-Gln189
Characteristics:	Recombinant Mouse FLT3 Ligand Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gly27-Gln189.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FLT3LG
Alternative Name:	FLT3 Ligand (FLT3LG Products)

Target Details

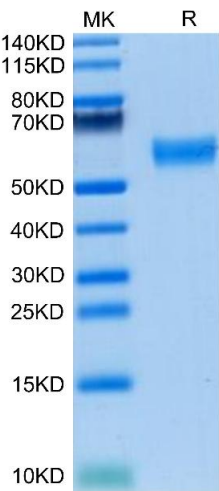
Background:	Flt-3 Ligand, also known as FL, is an alpha -helical cytokine that promotes the differentiation of multiple hematopoietic cell lineages.Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.
Molecular Weight:	45.3 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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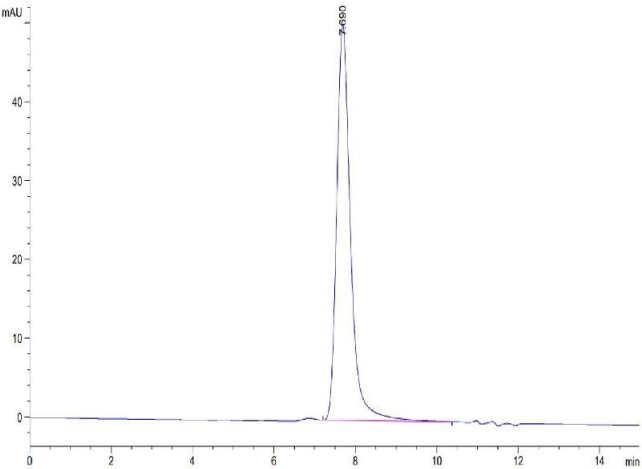
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse FLT3 Ligand on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse FLT3 Ligand is greater than 95 % as determined by SEC-HPLC.