

Datasheet for ABIN7274660

FLT3 Protein (AA 28-544) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FLT3
Protein Characteristics:	AA 28-544
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT3 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse FLT3/Flk-2 Protein
Sequence:	Asn28-Ser544
Characteristics:	Recombinant Mouse FLT3/Flk-2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asn28-Ser544.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	The affinity constant of 35.07 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

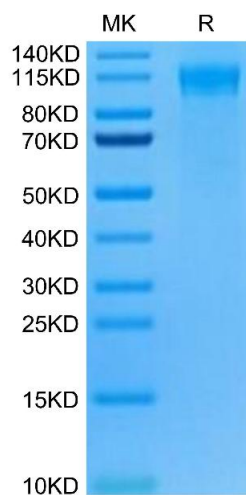
Target:	FLT3
Alternative Name:	FLT3 (FLT3 Products)
Background:	Flt-3 Ligand, also known as FL, is an alpha -helical cytokine that promotes the differentiation of multiple hematopoietic cell lineages.Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins.
Molecular Weight:	84.78 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Tris-Bis PAGE result.
UniProt:	Q00342
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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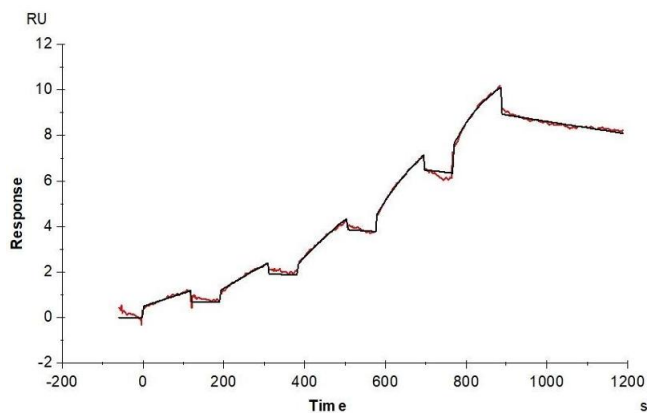
Handling

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 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Surface Plasmon Resonance

Image 2. Human FLT3 Ligand, hFc Tag immobilized on CM5 Chip can bind Mouse FLT3, hFc Tag with an affinity constant of 35.07 nM as determined in SPR assay (Biacore T200).