

Datasheet for ABIN6809860
FLT3 Protein (AA 27-543) (Fc Tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FLT3
Protein Characteristics:	AA 27-543
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FLT3 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 27-543
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	FLT3
Alternative Name:	Flt-3 (FLT3 Products)
Background:	Flt-3(Receptor-type tyrosine-protein kinase FLT3) is also known as FLK-2(Fetal liver kinase-2), STK-1(Stem cell tyrosine kinase 1), CD135. FLT3 is a cytokine receptor which belongs to the receptor tyrosine kinase class III. Tyrosine-protein kinase that acts as cell-surface receptor for the cytokine FLT3LG and regulates differentiation, proliferation and survival of hematopoietic

Target Details

progenitor cells and of dendritic cells. Promotes phosphorylation of SHC1 and AKT1, and activation of the downstream effector MTOR. Promotes activation of RAS signaling and phosphorylation of downstream kinases, including MAPK1/ERK2 and/or MAPK3/ERK1. Mutations that cause constitutive kinase activity promote cell proliferation and resistance to apoptosis via the activation of multiple signaling pathways.

Molecular Weight:	84.8 kDa
NCBI Accession:	NP_004110
Pathways:	RTK Signaling

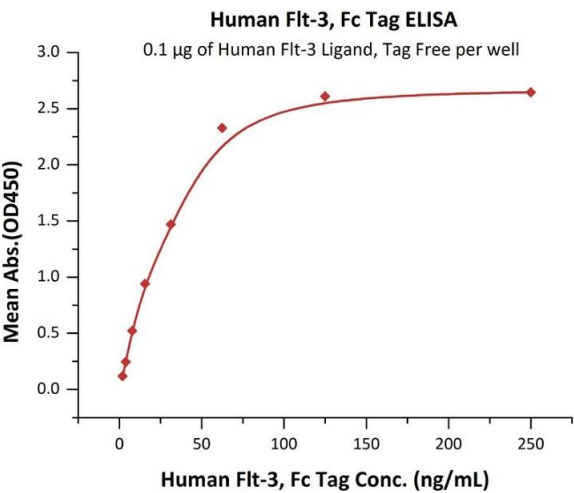
Application Details

Restrictions:	For Research Use only
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Handling

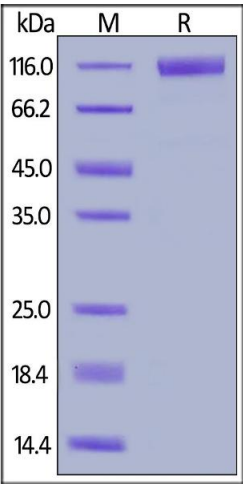
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human Flt-3 Ligand, Tag Free (ABIN2181107,ABIN3071731,ABIN2693588) at 1 µg/mL (100 µL/well) can bind Human Flt-3, Fc Tag (ABIN6731308,ABIN6809860) with a linear range of 2-31 ng/mL (QC tested).



SDS-PAGE

Image 2. Human Flt-3, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .