

Datasheet for ABIN6961080
FLT3 Protein (Fc-His Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FLT3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT3 protein is labelled with Fc-His Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human FLT3 protein with C-terminal human Fc and 6xHis tag
Specificity:	FLT3 (Asn27-Ser543) hFc (Glu99-Ala330) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FLT3
Alternative Name:	FLT3 (FLT3 Products)
Background:	Synonymes: Flt-3, Flk-2, STK-1, CD135, FLK2, FLT-3

Target Details

Description: 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 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: predicted molecular mass of 125-130 kDa after removal of the signal peptide.

Gene ID: 2322

UniProt: [P36888](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

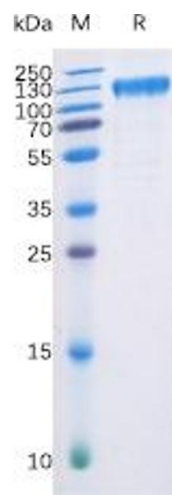
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human FLT3, hFc-His Tag on SDS-PAGE under reducing condition.