

# Human FLT3 Protein, hFc-His Tag

Catalog No: #AP89534

Package Size: #AP89534-1 10ug #AP89534-2 100ug

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## Description

Product Name	Human FLT3 Protein, hFc-His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	FLT3(Asn27-Ser543)+hFc(Glu99-Ala330)+6xHis tag
Other Names	Flt-3, Flk-2, STK-1, CD135, FLK2, FLT-3
Calculated MW	125-130 kDa
Tag Info	C-Human Fc and 6xHis tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 14 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

## Images

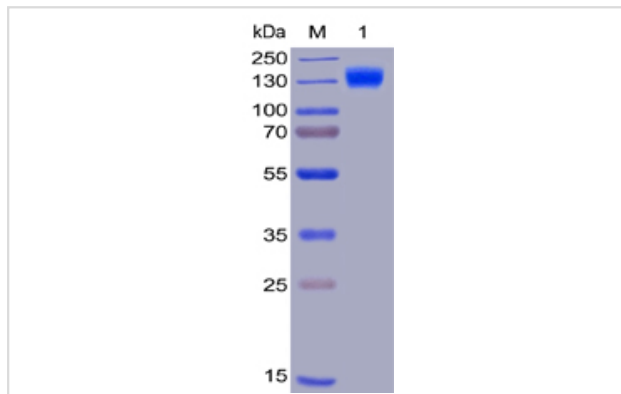


Figure 1. Human FLT3, hFc-His Tag on SDS-PAGE under reducing condition.

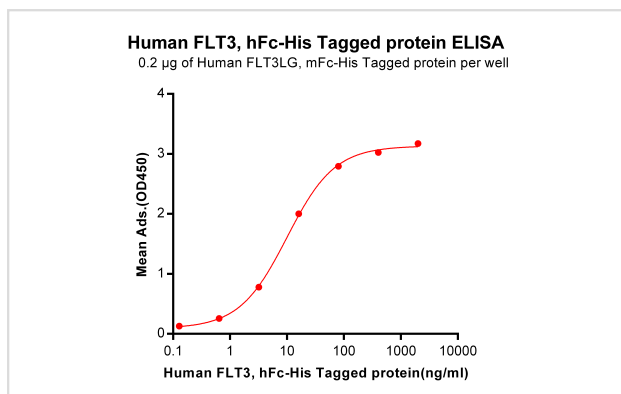


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human FLT3LG, mFc-His tagged protein can bind Human FLT3, hFc-His tagged protein in a linear range of 0.128-10.02 ng/ml.



FLT3(Asn27-Ser543)

hFc(Glu99-Ala330)

6×His tag

## Product Description

Expression Region:710Research Topic: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.

Note: This product is for in vitro research use only