Human FLT-3/CD135/FLK-2 (His Tag) recombinant protein

Catalog Number: 502628



General Information

Gene Name Synonym

FL cytokine receptor; Fetal liver kinase-2; Fmslike tyrosine kinase 3; Stem cell tyrosine kinase 1

Protein Construction

A DNA sequence encoding the extracellular domain of human FLT3 (NP_004110.2) (Met 1-Asn 541) was expressed, with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind biotinylated human FLT3L-His (Cat:500686) in a functional ELISA.

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asn 27

Molecular Mass

The recombinant human FLT3 consists of 526 amino acids and has a predicted molecular mass of 59.7 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 85-95 kDa due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

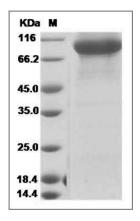
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human FLT-3 / CD135 / FLK-2 Protein (His Tag) SDS-PAGE