

Mouse FLT3/Flk-2 Protein

Cat. No. FLT-MM230

Description

Source	Recombinant Mouse FLT3/Flk-2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asn28-Ser544.
Accession	Q00342
Molecular Weight	The protein has a predicted MW of 84.78 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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.

Background

Flt3 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.

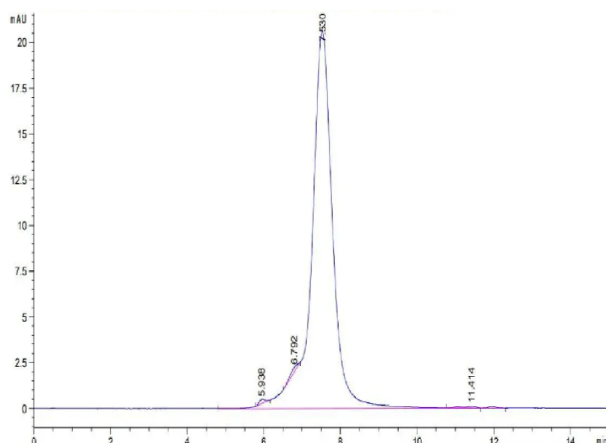
Assay Data

Tris-Bis PAGE



Mouse FLT3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse FLT3 is greater than 95% as determined by SEC-HPLC.