


Recombinant Human FLT3 Ligand

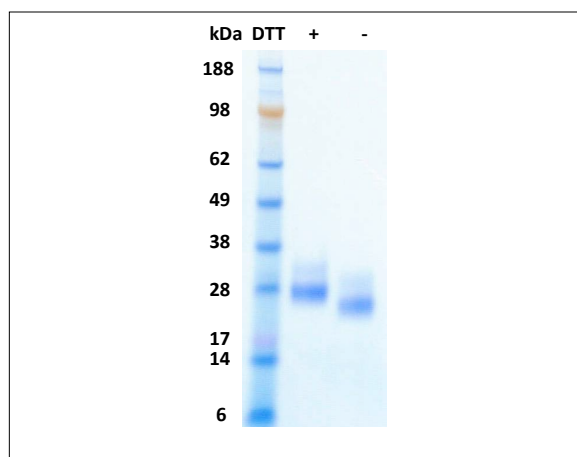
FLT3 Ligand HumaXpress

Product Description

- Endotoxin-free*
- Animal-derived product free
- Available in Bulk
- High Activity
- Authentic Glycosylation

Xeno-free FLT3 Ligand^{HuXp} is expressed from human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 24 to 30 kDa. This cytokine is produced in a serum-free, chemically defined media. The molecular mass is a narrower range than reported when this cytokine is expressed in insect Sf21 cells (17 to 30 kDa), emphasizing the difference in glycosylation in different expression systems.

 All HumaXpress® HumanKine™ cytokines are animal-component-free and Xeno-free



Typical Specifications

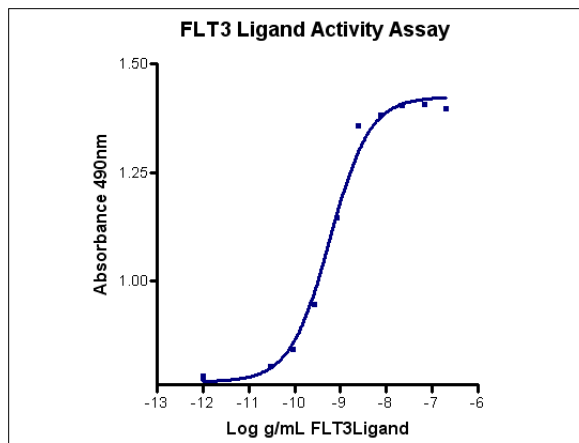
Species	Human
Expression	Human Cell Expressed
Activity	0.2 to 0.8 ng/mL ED50
Purity	>95%
Endotoxin	Endotoxin-free*
Molecular Mass	24 to 30 kDa, monomer, glycosylated

Purity Confirmation

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The specific activity was determined by the dose-dependent stimulation of the proliferation of the human acute myeloid leukemia cell line OCI-AML5.



* Endotoxin-free ... <1 EU/μg
All HumanKine™ cytokines are expressed in the HumaXpress® human cell expression system and intrinsically have low endotoxin levels.

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