

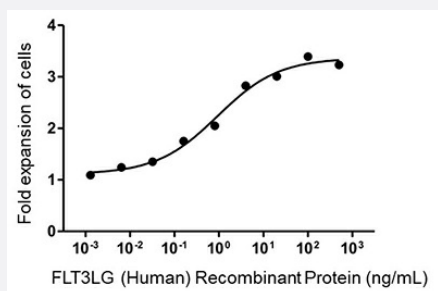
Bioactive

FLT3LG (Human) Recombinant Protein

Catalog # P7009

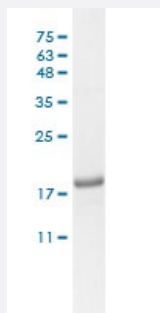
Size 100 ug

Applications



Functional Study

The ED₅₀ for this effect is <0.8 ng/mL, measured by the induction of proliferation in BaF3 cells.



Specification

Product Description

Human FLT3LG recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.

Sequence

MTQDCSFQHSPISSDFAVKIRELSYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTV
AGSKMQGLLERVNTIEHFVTKCAFQPPPSCLRFRVQTNISRLLQETSEQLVALKPWITRQNF SRCLE
LQCQPDSSTLPPPWSPRPLEATAPTA

Host

Escherichia coli

Form

Lyophilized

Preparation Method

Escherichia coli expression system

Purification	Ni-NTA chromatography
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.1 EU per 1 ug of the protein by the LAL method.
Activity	Measured by the induction of proliferation in BaF3 cells transfected with mouse Flt-3. The ED 50 for this effect is < 0.8 ng/mL. The specific activity of recombinant human Flt-3 Ligand is > 1.5x10 ⁶ IU/mg.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 8.0.
Storage Instruction	Store at -20°C, lyophilized protein is stable for 1 year. After reconstitution with deionized water, store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

Gene Info — FLT3LG

Entrez GeneID	2323
Gene Name	FLT3LG
Gene Alias	FL
Gene Description	fms-related tyrosine kinase 3 ligand
Omim ID	600007
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Pathways in cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)