

Bioactive

Full-Length

FLT3LG (Human) Recombinant Protein

Catalog # P3609

Size 10 ug

Specification

Product Description	Human FLT3LG (P49771, 1 a.a. - 235 a.a.) full-length recombinant protein. expressed in <i>Escherichia coli</i> .
Sequence	MTVLAPAWSPPTYLLLLLLLSSGLSGTQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTIVAGSKMQGLLERVNTIEHFVTKCAFQPPPSCLRFVQTNISRLQETSEQLVALKPWITRQNF SRCLELQCQPDSS TLPPPWSRPLEATAPTAPQPPLLLLLLLPVGLLLAAAWCLHWQRTRRRTPRPGEQVPPVPSPQDLLLVEH
Host	Escherichia coli
Theoretical MW (kDa)	17
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	The ED ₅₀ was determined by the dose-dependent stimulation of the proliferation of human AML5 cells was found to be in the range of 1.0 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.0
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

- SDS-PAGE

Gene Info — FLT3LG

Entrez GeneID	2323
Protein Accession#	P49771
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](#)