

Bioactive

FLT3LG (Human) Recombinant Protein

Catalog # P8642

Size 2 x 10 ug

Specification

Product Description	Human FLT3LG recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	TQDCSFQHSPISDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTVA GSKMQGLLERVNTIEHFVTKCAFQPPPSCLRFVQTNISRLQETSEQLVALKPWITRQNF SRCLEL QCQPDSSTLPPPWSRPLEATAPTA
Host	Escherichia coli
Theoretical MW (kDa)	17.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	ED ₅₀ < 1.0 ng/mL, measured by the dose-dependent stimulation of the proliferation of human AML5 cells, corresponding to a specific activity of 1.0 x 10 ⁶ IU/mg.
Storage Buffer	The protein was lyophilized with no additives. Reconstitute the lyophilized powder in ddH ₂ O to 100 u g/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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](#)