Bioactive

FLT3LG (Human) Recombinant Protein

Catalog # P8642 Size 2 x 10 ug

Specification

Product Description	Human FLT3LG recombinant protein expressed in *Escherichia coli*.
Sequence	TQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTVA GSKMQGLLERVNTEIHFVTKCAFQPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNFSRCLEL QCQPDSSTLPPPWSPRPLEATAPTA
Host	Escherichia coli
Theoretical MW (kDa)	17.6
Form	Lyophilized
Preparation Method	*Escherichia coli* 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_2O 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

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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

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