Bioactive

FLT3LG (Human) Recombinant Protein

Catalog # P7267 Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FLT3LG (P49771, 27 a.a. - 185 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	TQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTVA GSKMQGLLERVNTEIHFVTKCAFQPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNFSRCLEL QCQPDSSTLPPPWSPRPLEATAPTAPQPP
Host	Mammals
Theoretical MW (kDa)	18 - 22
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ug of protein(gel clotting method)
Activity	ED_{50} < 0.25 ng/mL, measured in a cell proliferation assay using TF-1 human erythroleukemic cells, corresponding to a specific activity of > 4.0×10^6 units/mg.

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Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

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

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Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms

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