Bioactive

FLT3LG (Human) Recombinant Protein

Catalog # P6240 Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FLT3LG (P49771) recombinant protein expressed in *E.Coli*.
Sequence	MTQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTV AGSKMQGLLERVNTEIHFVTKCAFQPPPSCLRFVQTNISRLLQETSEQLVALKPWITRQNFSRCLE LQCQPDSSTLPPPWSPRPLEATAPT
Host	Escherichia coli
Theoretical MW (kDa)	17.6
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED_{50} <= 10 ng/mL OCI-AML5 cell proliferation The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

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Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , 50 mM NaCl, pH 7.5.
Storage Instruction	Stored at -20°C to-80°C for 12 month. After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot

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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