

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 | TQDCSFQHSPISDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTVA GSKMQGLLERVNTIEHFVTKCAFQPPPSCLRQVQTNISRLQETSEQLVALKPWITRQNFRCLEL QCQPDSSTLPPPWSRPLEATAPTAPQPP |
| 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, c corresponding to a specific activity of > 4.0 × 10 ⁶ units/mg. |

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 ddH₂O 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](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)