Bioactive | Full-Length | Sm Size

FLT3LG (Human) Recombinant Protein

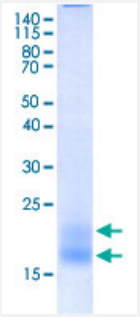
Catalog # P5815 Size 100 ug, 50 ug, 10 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of FLT3LG (Human) Recombinant Protein (Cat # P5815) using protein specific antibody.



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FLT3LG (156 a.a.) full-length recombinant protein with His tag expressed in Barley grain (*Hordeum vulgare*).

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Host	Plants
Theoretical MW (kDa)	20, 22
Form	Lyophilized
Preparation Method	Barley grain (*Hordeum vulgare*) expression system
Purification	Chromatography
Concentration	100 ug/mL
Purity	> 98% by SDS-PAGE
Endotoxin Level	Endotoxin level is less than 0.005ng per ug protein (0.05EU/ug) as measured by turbidimetric kinetic assay
Activity	The ED_{50} in the range of 0.12-0.18 ng/mL, corresponding to specific activity 6.62 X 10^6 U/mg. We re commend that the optimal concentratio for each specific aplication be determined by an initial dose-r esponse assay.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	Lyophilized from 10 mM acetic acid, pH 5.0
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterile water to a concentration of no less than 100 ug/mL, store at -20°C. Fo r long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot (Recombinant protein)

  Western blot analysis of FLT3LG (Human) Recombinant Protein (Cat # P5815) using protein specific antibody.
- SDS-PAGE

Gene Info — FLT3LG

Entrez GeneID	2323

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Protein Accession#	NP_001450
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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