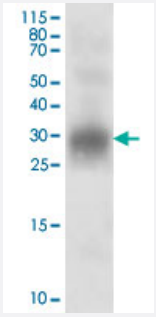
Bioactive | Full-Length | Sm Size

Lif (Mouse) Recombinant Protein

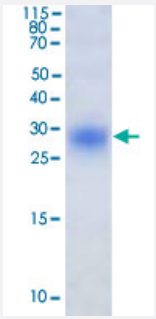
Catalog # P5813 Size 100 ug, 50 ug, 10 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of Lif (Mouse) Recombinant Protein (Cat # P5813) using protein specific antibody.



Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Lif (188 a.a.) full-length recombinant protein with His tag expressed in Barley grain (*Hordeum vulgare*).

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Host	Plants
Theoretical MW (kDa)	28-30
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 bioactivity was determined by the ability to induce differentiation of murine M1 myeloid leukemia cells. The ED_{50} value for this effect is typically < 1 ng/mL, corresponding to a specific activity of > 5 x 10^7 U/mg (where 50 U is defined as the amount of mouse Lif required to induce differentiation of 50 % of M1 cells).
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	Lyophilized from PBS, pH 7.2
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 Lif (Mouse) Recombinant Protein (Cat # P5813) using protein specific antibody.
- SDS-PAGE

Gene Info — Lif

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Entrez GeneID	16878
Protein Accession#	AAA37211.1
Gene Name	Lif
Gene Alias	-
Gene Description	leukemia inhibitory factor
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000005253

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