

## Datasheet

### Lif (Mouse) Recombinant Protein

**Catalog Number:** P5813

**Regulation Status:** For research use only (RUO)

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

**Host:** Plants

**Theoretical MW (kDa):** 28-30

**Applications:** Func, SDS-PAGE, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**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 its ability to induce differentiation of murine M1 myeloid leukemia cells. The ED50 value for this effect is typically < 1 ng/mL, corresponding to a specific activity of > 5 x 10<sup>7</sup> U/mg (where 50 U is defined as the amount of mouse Lif required to induce differentiation of 50% of M1 cells).

**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. For long term storage it is recommended to add a carrier protein (0.1%

HSA or BSA).

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 16878

**Gene Symbol:** Lif

**Gene Alias:** -