

## Recombinant Mouse Lif, Fc tagged

**Cat. No.** Lif-756M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Lif (P09056) extracellular domain (Met 1-Phe 203), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.                                                                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-203 a.a.                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant mouse LIF/Fc is a disulfide-linked homodimer. The reduced monomer comprises 421 amino acids and has a calculated molecular mass of 46.9 kDa. As a result of glycosylation, the apparent molecular mass of the monomer is approximately 65 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                      |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                            |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                     |

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## GENE INFORMATION

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Gene Name       | Lif leukemia inhibitory factor [ Mus musculus ] |
| Official Symbol | Lif                                             |
| Gene ID         | 16878                                           |
| mRNA Refseq     | NM_001039537                                    |
| Protein Refseq  | NP_001034626                                    |

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