



Recombinant Mouse LIF Protein Product Manual

1. Product Basic Information

Product No.: REP07350

Protein Name: D Factor (LIF)

Aliases: CDF; DIA; HILDA; MLPLI; D factor; leukemia inhibitory factor; human interleukin in DA cells; melanoma-derived LPL inhibitor; differentiation-inducing factor; LIF interleukin 6 family cytokine; hepatoc...

UniProt ID: P15018

UniProt Link: <https://www.uniprot.org/uniprotkb/P15018/entry>

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Full Length (24-203aa)

Molecular Weight: 21.2 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (24-203aa)

SPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLNGSANALFISYYTAQGEPFPNNVE
KLCAPNMTDFPSFHGNGTEKTKLVELYRMVAYLSASLTNITRDQKVLNPTAVSLQVK
LNATIDVMRGLLSNVLCRLCNKYRVGHVDVPPVPDHSDEAFQRKKLGCQLLGTYK
QVISVVVQAF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Mouse LIF full length protein (24-203aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LIF, also known as CDF or DIA or HILDA, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.