

Recombinant Leukemia inhibitory factor (LIF) Protein

Catalog No.: OM770003

Sequence Information

Species: Mouse

GenBank : P09056

Residues:

MKVLAAGIVPLLLLVLHWKHGAGSPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLNGSANA
LFISYYTAQGEPFPNNVEKLCAPNMTDFPSFHGNGTEKTKLVELYRMVAYLSASLTNITRDQK
VLNPTAVSLQVKLNATIDVMRGLLSNVLCRLCNKYRVGHVDVPPVPDHSDEAFQRKKLGC
QLLGTYKQVISVVVQAF

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Purity: >95%

Traits: Liquid

Buffer formulation: PBS, pH7.4, containing 0.02%TWEEN 20.

Original Concentration: 10 µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.5

Predicted Molecular Mass: 22.2 kDa

Accurate Molecular Mass: 22.2 kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

as a component of enriched co-culture media

as a supplement in Dulbecco's modified eagle's medium (DMEM)/F12 medium for culturing heart cells

as a component in maintenance medium for maintaining embryonic stem cells

to treat ovaries in ovarian culture

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.