



# AVISCERA BIOSCIENCE

## Human Leukemia Inhibitory Factor (LIF), Recombinant

### Product Information

|                |   |
|----------------|---|
| Code           | 00355-01-100                            |
| Name           | Human LIF Rec.                          |
| Lot No.        |   |
| Size           | 100 µg                                  |
| Species        | Human                                   |
| Sequence       | Mature form                             |
| Protein ID     | P15018                                  |
| Gene ID        | 3976                                    |
| MW             | 21 KD                                   |
| Tag            | 6 His tag on N terminus                 |
| Source         | E. Coli                                 |
| Purity         | >95% in SDS-PAGE gel<br>PBS lyophilized |
| Formulation    | Form without preservatives              |
| Carry          | free                                    |
| Storage        | -20 °C ~ -70 °C                         |
| Reconstitution | 100 µl                                  |
| Application    | ELISA                                   |

### DESCRIPTION

A DNA sequence encoding the mature form of human LIF (Ser<sup>23</sup>-Phe<sup>202</sup>) was recombined with Hexa-histidine tag at the N-Terminus. That was expressed in E.Coli, and purified by Ni-NTA column

### FORMULATION

Lyophilized 100 µg of human LIF in 100 µl of PBS. Carry free.

### RECONSTITUTION & STORAGE

Add 100 µl PBS to the vial to prepare a working stock solution at 100 µg/100 µl. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** mature form of human LIF (S23-F202)

```
23SPLPITPV NATCAIRHPC HNNLMNQIRS QLAQLNGSAN ALFILYYTAQ  
GEPFPNNLDK LCGPNVTDFP PFHANGTEKA KLVELYRIVV YLGTSLGNIT  
RDQKILNPSA LSLHSKLNAT ADILRGLLSN VLCRLCSKYH VGHVDVITYGP  
DTSGKDVFAQ KKLGCQLLGK YKQIIAVLAQ AF 202
```

### ORDER INFORMATION

AVISCERA BIOSCIENCE  
2348 WALSH AVE. SUITE C  
SANTA CLARA, CA 95051  
USA  
TEL: (408) 982 0300  
Info@Aviscerabioscience.com  
www.Aviscerabioscience.com

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