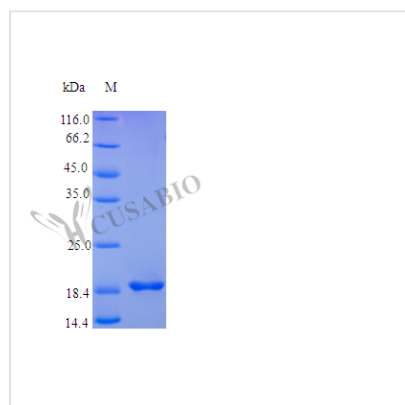




# Recombinant Human Leukemia inhibitory factor protein(LIF) (Active)

|                            |                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-AP002221HU                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>         | P15018                                                                                                                                                                                                                          |
| <b>Storage Buffer</b>      | 0.2 μm filtered PBS, pH 7.4 ,lyophilized                                                                                                                                                                                        |
| <b>Product Type</b>        | Growth Factor                                                                                                                                                                                                                   |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                            |
| <b>Biological Activity</b> | Fully biologically active when compared to standard. The ED50 as determined by the dose-dependent proliferation of human TF-1 cells is less than 0.1 ng/ml, corresponding to a specific activity of >1.0x10 <sup>7</sup> IU/mg. |
| <b>Purity</b>              | >98% as determined by SDS-PAGE and HPLC.                                                                                                                                                                                        |
| <b>Sequence</b>            | SPLPITPVNA TCAIRHPCHN NLMNQIRSQL AQLNGSANAL FILYYTAQGE<br>PFPNNLDKLC GPNVTDFFPF HANGTEKAKL VELYRIVVYL GTSLGNITRD<br>QKILNPSALS LHSKLNATAD ILRGLLSNVL CRLCSKYHVG HVDVTYGPD<br>SGKDVFQKKK LGCQLLGKYK QIIAVLAQAF                   |
| <b>Lead Time</b>           | 5-10 business days                                                                                                                                                                                                              |
| <b>Research Area</b>       | Immunology                                                                                                                                                                                                                      |
| <b>Source</b>              | E.coli                                                                                                                                                                                                                          |
| <b>Gene Names</b>          | LIF                                                                                                                                                                                                                             |
| <b>Expression Region</b>   | 23-202aa                                                                                                                                                                                                                        |
| <b>Tag Info</b>            | Tag-Free                                                                                                                                                                                                                        |
| <b>Mol. Weight</b>         | 19.7 kDa                                                                                                                                                                                                                        |
| <b>Protein Description</b> | Full Length of Mature Protein                                                                                                                                                                                                   |
| <b>PubMed ID</b>           | 3143918; 2475312; 15146197; 1692837; 14702039; 10591208; 15489334;<br>3128791; 2730639; 8489250; 14527405; 17652170                                                                                                             |

## Image



**Typical**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.