

Product Datasheet

Recombinant Human Leukemia inhibitory factor (LIF) (Active) (orb2657908)

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| Catalog Number | orb2657908 |
| Category | Proteins |
| Description | This Recombinant Human Leukemia inhibitory factor (LIF) (Active) spans the amino acid sequence from region 23-202aa. Purity: Greater than 95% as determined by SDS-PAGE. |
| Tag | Tag free |
| Form/Appearance | Lyophilized powder |
| Buffer/Preservatives | Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4 |
| Purity | Greater than 95% as determined by SDS-PAGE. |
| Protein Sequence | SPLPITPVNATCAIRHPCHNNLMNQIRSQAQLNGSANALFILYYTAQGEPFPNNLDKLCGPN VTDFPPFHANGTEKAKLVELYRIVVYLGTS LGNITRDQKILNPSALSLSHSKLNATADILRGLLS NVLCLCSKYHVGHV DVTYGPDTSGKDV FQKKKLG CQLLGKYKQIIAVLAQAF |
| Protein Length | Full Length of Mature Protein |
| UniProt ID | P15018 |
| MW | 19.7 kDa |
| Application notes | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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|----------------------------|---|
| Endotoxins | ≤10 EU/mg by the LAL method |
| Source | Mammalian cell |
| Biological Origin | Homo sapiens (Human) |
| Biological Activity | Measured in the M1 cell differentiation assay. The ED50 is ≤0.2ng/ml. |
| Expression Region | 23-202aa |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Note | For research use only |
| Expiration Date | 6 months from date of receipt. |

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