

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Recombinant Human Leukemia inhibitory factor (LIF) (Active) BYT-ORB1785348

Article Name	Recombinant Human Leukemia inhibitory factor (LIF) (Active)
Biozol Catalog Number	BYT-ORB1785348
Supplier Catalog Number	orb1785348
Alternative Catalog Number	BYT-ORB1785348-1,BYT-ORB1785348-100,BYT-ORB1785348-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Leukemia inhibitory factor (LIF) spans the amino acid sequence from region 23-202aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	23.1 kDa
UniProt	<a href="#">P15018</a>
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	SPLPITPVNATCAIRHPCHNNLMNQIRSQLAQLNGSANALFILYYTAQGEPFPN NLDKLCGPNVTDFFPFHANGTEKAKLVELYRIVVYLGTS LGNITRDQKILNPSA LSLHSKLNATADILRGLLSNVLCRLCSKYHVGHVDV TYGPDTSGKDV FQKKKL GCQLLGKYKQIIAVLAQAF

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human LIF at 2 µg/mL can bind Human LIFR protein. The EC50 is 8.067-9.260 ng/mL. 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