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## Product Datasheet

### Human LIF protein (orb392079)

**Description**

Recombinant human LIF protein is produced

polypeptid...

**Reactivity**

Human

**Endotoxins**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Tested Applications**

ELISA, MS, SDS-PAGE, WB

**Target**

LIF

**Preservatives**

Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 0.02% Tween 20, pH 7.4

**Form/Appearance**

Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 0.02% Tween 20, pH 7.4

**Storage**

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Note**

For research use only

**Application notes**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Protein Sequence**

```
MSPLPITPVN ATCAIRHPCH NNLMNQIRSQ
LAQLNGSANA LFILYYTAQG EFPNNDLKL
CGPNVDFPFP FHANGTEKAK LVELYRIVVY
LGTSLGNITR DQKILNPSAL SLHSKLNATA
DILRGLLSNV LCRLCSKYHV GHVDVTYGPD
TSGKDFVQKK KLG CQLLGKY KQIIAVLAQA F
```

**Purity**

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Source**

E. coli

**Uniprot ID**
**P15018**
**Entrez**
**3976**
**Expiration Date**

6 months from date of receipt.