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## Product Datasheet

### Recombinant human LIF protein NBS-PAT-PG0L92-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant human LIF protein                                                                                                                                                                                                                                 |
| Biozol Catalog Number      | NBS-PAT-PG0L92-50                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | PAT-PG0L92-50                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | NBS-PAT-PG0L92-50                                                                                                                                                                                                                                             |
| Manufacturer               | Nordic BioSite                                                                                                                                                                                                                                                |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Application                | EP                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | Leukemia inhibitory factor, also known as LIF, is a pleiotropic cytokine that is expressed by a wide variety of cells including activated T lymphocytes, monocytes, mast cells and neuronal cells. It is involved in the induction of hematopoietic differ... |
| Concentration              | 1 mg/ml                                                                                                                                                                                                                                                       |
| Molecular Weight           | 47.2 kDa (415aa) confirmed by MALDI-TOF                                                                                                                                                                                                                       |
| Tag                        | HIS-GST Tag                                                                                                                                                                                                                                                   |
| NCBI                       | <a href="#">3976</a>                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P15018</a>                                                                                                                                                                                                                                        |
| Buffer                     | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 50mM NaCl                                                                                                                                                                          |
| Purity                     | >90%                                                                                                                                                                                                                                                          |

Sequence

MHHHHHMSP ILGYWKIKGL VQPTRLLEY LEEKYEEHLY ERDEGDKWRN  
KKFELGLEFP NLPYYIDGDV KLTQSMAIR YIADKHNMLG GCPKERAIEIS  
MLEGAVLDIR YGVSRIAYSK DFETLKVDFL SKLPEMLKMF EDRLCHKTYL  
NGDHVTHPDF MLYDALDVVL YMDPMCLDAF PKLVCFKKRI EAIPQIDKYL  
KSSKYIAWPL QGWQATFGGG DHPPKSDLVP R