

## Human LIF protein (Recombinant) {Biotin} (STJP000201)

| GENERAL INFORMATION    |                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type           | Proteins                                                                                                                                                                                                                                                   |
| Host / Source          | HEK293                                                                                                                                                                                                                                                     |
| PRODUCT PROPERTIES     |                                                                                                                                                                                                                                                            |
| Formulation            | Lyophilised from 0.2 Mu m filtered PBS pH.5.                                                                                                                                                                                                               |
| Molecular Weight       | Native human LIF is generated by the proteolytic removal of the signal peptide and propeptide, the molecule has a calculated molecular mass of approximately 23kDa. Recombinant LIF is a monomer protein and migrates due to glycosylation as an approxima |
| Storage Instruction    | Can be stored in working aliquots at°C-°C C for one month, or at-20°C C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles. NA                                                                  |
| TARGET INFORMATION     |                                                                                                                                                                                                                                                            |
| Gene ID                | <a href="#">3976</a>                                                                                                                                                                                                                                       |
| Gene Symbol            | <a href="#">LIF</a>                                                                                                                                                                                                                                        |
| UniProt ID             | <a href="#">LIF_HUMAN</a>                                                                                                                                                                                                                                  |
| Immunogen Region       | 23AA-202AA                                                                                                                                                                                                                                                 |
| Immunogen Sequence     | MKVLAAGVVP LLLVLHWKHG AGSPLPITPV NATCAIRHPC HNNLMNQIRS QLAQLNGSAN ALFILYYTAQ<br>GEPFPNNLDK LCGPNVTDFF PFHANGTEKA KLVELYRIVV YLGTSLGNIT RDQKILNPSA LSLHSKLNAT<br>ADILRGLLSN VLCRLCSKYH VGHVDVTYGP DTSGKDVFOK KKLGCQLLGK YKQIIAVLAQ AF NA                    |
| ADDITIONAL INFORMATION |                                                                                                                                                                                                                                                            |
| Note                   | STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.                                                                                                                                               |