

## Leukemia Inhibitory Factor, GST tag Human Recombinant

<b>Item Number</b>	rAP-0703
<b>Synonyms</b>	D factor, MLPLI, HILDA, Emfilermin, Leukemia Inhibitory factor, Differentiation-stimulating factor, Melanoma-derived LPL inhibitor.
<b>Description</b>	LIF produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (23-202a.a.) and having a molecular mass of 47.2kDa.LIF is fused to a 236 amino acid His-GST tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P15018
<b>Amino Acid Sequence</b>	MHHHHHHMSP ILGYWKIKGL VQPTRLLLEY LEEKYEEHLY ERDEGDKWRN KKFELGLEFP NLPY-YIDGDV KLTQSMAIIR YIADKHNMLG GCPKERAIEIS MLEGAVLDIR YGVSRIAYSK DFETLKVDFL SKLPEMLKMF EDRLCHKTYL NGDHVTHPDF MLYDALDVVL YMDPMCLDAF PKLVCFKKRI EAIPQIDKYL KSSKYIAWPL QGWQATFGGG DHPPKSDLVP RGSMSPLPI TPVNATCAIR HPCHNNLMNQ IRSQLAQLNG SANALFILYY TAQGEPFPNN LDKLCGPNT DFPPFHANGT
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4&deg;C if entire vial will be used within 2-4 weeks.&nbsp;Store, frozen at -20&deg;C for longer periods of time.Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	The LIF GST protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 50mM NaCl and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**