

LIF (Human) Recombinant Protein

Catalog # P8908

Size 2 x 10 ug

Specification

Product Description	Human LIF (P15018, 23 a.a. - 202 a.a.) partial-length recombinant protein with His-tag at C-terminal expressed in <i>Baculovirus</i> .
Sequence	ADPSPLPITPVNATCAIRHPCHNNLMNQIRSQLAQLNGSANALFILYYTAQGEPFPNNLDKLCGPNV TDFPPFHANGTEKAKLVELYRIVVYLGTSIGNITRDQKILNPSALSLSKLNATADILRGLLSNVLCR LCSKYHVGHVDTVYGPDTSGKDVFQKKKLGCQLLGKYKQIIAVLAQAFHHHHHH.
Host	Viruses
Theoretical MW (kDa)	20.8
Form	Liquid
Preparation Method	<i>Baculovirus</i> expression system
Purity	> 90% by SDS PAGE
Storage Buffer	Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — LIF

Entrez GeneID	3976
Protein Accession#	P15018

Gene Name	LIF
Gene Alias	CDF, DIA, HILDA
Gene Description	leukemia inhibitory factor (cholinergic differentiation factor)
Omim ID	159540
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a pleiotropic cytokine with roles in several different systems. It is involved in the induction of hematopoietic differentiation in normal and myeloid leukemia cells, induction of neuronal cell differentiation, regulator of mesenchymal to epithelial conversion during kidney development, and may also have a role in immune tolerance at the maternal-fetal interface. [provided by RefSeq]
Other Designations	D factor cholinergic differentiation factor differentiation inhibitory activity differentiation stimulating factor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Abortion](#)
- [Arthritis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)

- [Infertility](#)
- [Memory](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)