

HuPro®

LIFR (Human) Recombinant Protein

Catalog # P3681

Size 20 ug

Specification

Product Description	Human LIFR (P42702, Gln 45 - Ser 833) partial recombinant protein expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	125-135
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Storage Buffer	Lyophilized from PBS, pH 7.2
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at 4°C for one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — LIFR

Entrez GeneID [3977](#)Protein Accession# [P42702](#)

Gene Name	LIFR
Gene Alias	CD118, FLJ98106, FLJ99923, LIF-R, SJS2, STWS, SWS
Gene Description	leukemia inhibitory factor receptor alpha
Omim ID	151443 601559
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a protein that belongs to the type I cytokine receptor family. This protein combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in this gene cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias. A translocation that involves the promoter of this gene, t(5;8)(p13;q12) with the pleiomorphic adenoma gene 1, is associated with salivary gland pleiomorphic adenoma, a common type of benign epithelial tumor of the salivary gland. Multiple splice variants encoding the same protein have been found for this gene. [provided by RefSeq]</p>
Other Designations	CD118 antigen leukemia inhibitory factor receptor

Pathway

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