

LIF

Catalog # PVGS1754

Product Information

Primary Accession Species	Q27956 Bovine
Sequence	Ser23-Phe202
Purity	≥ 95% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	E.coli
Theoretical Molecular Weight	19.9 kDa
Formulation	Lyophilized from a 0.2 µm filtered solution in 1×PBS, pH 7.4
Reconstitution	Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O up to 100 µg/ml
Storage & Stability	Upon receiving, this product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable up to 1 week at 4 °C or up to 3 months at -20 °C. Avoid repeated freeze-thaw cycles.

Additional Information

Gene ID	280840
Other Names	Leukemia inhibitory factor, LIF, bLIF, LIF
Target Background	LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes (By similarity).

Protein Information

Name	LIF
Function	LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes (By similarity).
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.