LIF Protein, Human (HEK293, solution)

Cat. No.:	HY-P73276A
Synonyms:	LIF; Leukemia inhibitory factor; HILDA; D factor; MLPLI
Species:	Human
Source:	HEK293
Accession:	P15018 (M1-F202)
Gene ID:	3976
Molecular Weight:	Approximately 35.4 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM Tris, 150 mM NaCl, 20% Glycerol, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The LIF protein possesses the capacity to induce terminal differentiation in leukemic cells. Its diverse range of activities encompasses the induction of hematopoietic differentiation in both normal and myeloid leukemia cells, prompting neuronal cell differentiation, and stimulating acute-phase protein synthesis in hepatocytes. These multifaceted activities underscore LIF's role in influencing cellular differentiation across various cell types and physiological contexts.

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