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32-7589: Recombinant Mouse Leukemia Inhibitory Factor/IIF

Gene : Lif
Gene ID : 16878
Uniprot ID : P09056

Description

Source: E.coli.
MW :19.9kD.
Recombinant Mouse Leukemia Inhibitory Factor is produced by our E.coli expression system and the target gene encoding Ser24-Phe203 is expressed. Mouse Leukemia inhibitory factor(lif)is a secreted protein which belongs to the LIF/OSM family.LIF has been implicated in a many physiological processes including development, hematopoiesis, bone metabolism, and inflammation. it 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	SPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLNGSANALFISYYTAQGEPFPNNVEKLCAPNMTDFPSFHGNG TEKTKLVELYRMVAYLSASLTNITRDQKVLNPTAVSLQVKLNATIDVMRGLLSNVLCRLCNKYRVGHVDVPPVP DHSDKEAFQRKKLGCQLLGTYKQVISVVVQAF

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.