

Recombinant Mouse LIF protein

Product Information

Cat	<i>IMP-1308</i>
Official Symbol	<i>LIF</i>
Product Overview	<i>Recombinant Mouse LIF protein(P09056) was expressed in E. coli.</i>
Expression System	<i>E. coli</i>
Species	<i>Mouse</i>
Tag	<i>N/A</i>
Form	<i>Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, with 0.02 % TWEEN 20.</i>
Molecular Mass	<i>Approximately 19.9 kDa, a single non-glycosylated polypeptide chain containing 180 amino acids.</i>
Protein length	<i>180 aa</i>
AA Sequence	<i>SPLPITPVNA TCAIRHPCHG NLMNQIKNQL AQLNGSANAL FISYYTAQGE PFPNNVEKLC APNMTDFPSF HGNGTEKTKL VELYRMVAYL SASLTNITRD QKVLNPTAVS LQVKLNATID VMRGLLSNVL CRLCNKYRVG HVDVPPVPDH SDKEAFQRKK LGCQLLGTYK QVISVVVQAF</i>
Endotoxin	<i>Less than 1 EU/µg of rMuLIF as determined by LAL method.</i>
Purity	<i>> 98 % by SDS-PAGE and HPLC analyses.</i>
Storage	<i>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.</i>
Reconstitution	<i>Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-0.2 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.</i>