

Recombinant Rat Leukemia Inhibitory Factor

#R00318

Size: 5 µg/100 µg/500 µg

Stability & Storage

- 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.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

SPLPITPVNATCAIRHPCHGNLMNQIKSQLAQLNGS
NALFISYYTAQGEPPFNNDKLCAPNMTDFPPFHAN
GTEKTKLVELYRMVTYLGASLTNITWDQKNLNPTAVS
LQIKLNATTDVMRGLLSSVLCRLCNKYHVGHVDPVPCV
PDNSSKEAFQRKKLGCQLLGTYKQVISVLAQAF

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	P17777
Unigene	Rn.44379.
Species	Rat
Source	Escherichia coli.
Molecular Weight	Approximately 19.8 kDa, a single non-glycosylated polypeptide chain containing 180 amino acids.
Purity	> 96 % by SDS-PAGE and HPLC analyses.
Biological Activity	Test in process.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 1 × PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rRtLIF as

determined by LAL method.