



Optimize Your Research

Recombinant Rat Interleukin-2, Liquid protein

Code CD00108

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

Source

Escherichia coli.

Molecular Weight

Approximately 15.5 kDa, a single non-glycosylated polypeptide chain containing 135 amino acids.

Purity

> 97 % by SDS-PAGE and HPLC analyses.

Biological Activity

Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using Mouse CTLL-2 cells is less than 0.2 ng/ml, corresponding to a specific activity of $> 5.0 \times 10^6$ IU/mg.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

A 0.2 µm filtered concentrated sterile solution in 10 mM sodium citrate, pH 4.0, 30 % glycerol.

Sequence

APTSSPAKET QQHLEQLLLD LQVLLRGIDN YKNLKLPMML TFKFYLPKQA TELKHLQCLE NELGALQRVL DLTQSKSFHL EDAGNFISNI
RVTVVKLGKS ENKFECQFDD EPATVVEFLR RWIACQSII STMTQ

Endotoxin

Less than 1 EU/ug of rRtIL-2, Liquid as determined by LAL method.

If you have any question on order please contact us via: order@bt-laboratory.com; technical assistance please contact us via: support@bt-laboratory.com More product visit www.bt-laboratory.com

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