

# Rat IL 2 Recombinant Protein



RPPB0483

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## Product Information    Protein Information

**Product SKU:**

RPPB0483

**Accession:**

P17108

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-2 Rat Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 135 amino acids and having a molecular mass of 16kDa. The IL-2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

T-cell growth factor (TCGF), Aldesleukin, Lymphokine, IL-2.

**Formulation:**

The IL-2 solution contains 0.2µm filtered solution in 20mM PB pH3.5 and 30% Glycerol.

**Purity:**

Greater than 97.0% as determined by SDS-PAGE and HPLC.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

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

**Biological Activity:**

The ED50 as determined by the dose-dependant stimulation of murine CTLL-2 cells is less than 0.2ng/ml, corresponding to a Specific Activity of 5,000,000IU/mg.