

Mouse IL 15 Recombinant Protein



RPPB0588

Product Information Protein Information

Product SKU:

RPPB0588

Accession:

P48346

Host:

Escherichia Coli.

Protein description:

Interleukin-15 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (49-162 a.a.) and having a molecular mass of 17.6 kDa. The IL-15 is fused to a 37 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

IL-15, MGC9721, Interleukin-15, IL15, AI503618.

Formulation:

The mouse IL-15 protein solution contains PBS, pH-7.4 and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMNW IDVRYDLEKI ESLIQSIHID TTLYTDSDFH
PSCKVTAMNC FLLELQVILHEYSNMTLNET VRNVLYLANS TLSSNKNVAE SGCKECELE EKTTFEFLQS
FIRIVQMFIN TS.

Biological Activity:

Measured in a cell proliferation assay using CTLL2 mouse cytotoxic T cells. The ED50 for this effect is < 1 ng/ml, corresponding to a specific activity of 1,000,000IU/mg.