

Feline IL2 Recombinant Protein



RPPB0492

Product Information Protein Information

Product SKU:

RPPB0492

Accession:

Q07885

Host:

E.coli.

Protein description:

IL2 Feline Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 157 amino acids (21-154 a.a) and having a molecular mass of 17.8kDa. IL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Interleukin-2, IL-2, T-cell growth factor, TCGF, IL2.

Formulation:

IL2 protein solution (0.25mg/ml) containing 20mM Tris-HCl(pH8.0), 0.15M NaCl and 30% glycerol.

Purity:

Greater than 95% 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:

MGSSHHHHHH SGLVPRGSH MGSAPASSST KETQQLEQL LLDLRLLLNG VNNPENPKLS RMLTFKFYVP
KKATELHLQ CLVEELKPLE EVLYLAQSKN FHLNHIKELM SNINVTVLKL KGSETRFTCN YDDETATIVE
FLNKWITFCQ SIFSTLT.

Biological Activity:

Measured in a cell proliferation assay using CTLL2 mouse cytotoxic T cells. The ED50 for this effect is less or equal to 0.3ng/ml.