

# Canine IL2 Recombinant Protein



RPPB0490

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## Product Information    Protein Information

**Product SKU:**

RPPB0490

**Accession:**

Q29416

**Host:**

Escherichia Coli.

**Protein description:**

IL2 Canine Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (21-155 a.a) and having a molecular mass of 18.1 kDa. IL2 Canine is fused to a 25 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.

**Formulation:**

IL2 Canine protein solution (0.5 mg/ml) contains Phosphate buffered saline (pH7.4).

**Purity:**

Greater than 95.0% 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. Please avoid freeze thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHPAPITS SSTKETEQQM EQLLDLQLL LNGVNNYENP QLSRMLTFKF  
YTPKKATEFT HLQCLAEELK NLEEVGLPQ SKNVHLTDTK ELISNMNVT LKLGSETS Y NCEYDDETAT  
ITEFLNKWIT FSQSIFSTLT.

**Biological Activity:**

The ED50 measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. is < 0.3 ng/ml.