

Interleukin-2 Canine Recombinant

Item Number	rAP-0499
Synonyms	Interleukin-2, IL-2, T-cell growth factor, TCGF.
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 GST-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q29416
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMAPITS SSTKETEQQM EQLLLLDLQLL LNGVNNYENP QLSRM-LTFKF YTPKKATEFT HLQCLAEELK NLEEVGLPQ SKNVHLTDK ELISNMNVTL LKLKGSETSY NCEYDDEAT ITEFLNKWIT FSQSIFSTLT.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	IL2 Canine protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4). Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**