

## 32-6433: IL6 Canine

**Alternative Name :** IL6, IL-6, Interleukin-6.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

IL-6 is a cytokine with a wide variety of biological functions: it plays an essential role in the final differentiation of b-cells into ig-secreting cells, it induces myeloma and plasmacytoma growth, it induces nerve cells differentiation, in hepatocytes it induces acute phase reactants.

IL6 Canine Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 195 amino acids (21-207a.a.) and having a molecular mass of 22.0kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).IL6 is expressed with an 8 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** IL6 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** 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 :** FPTPGPLAGD SKDDATSNLS PLTSANKVEE LIKYILGKIS ALRKEMCDKF NKCEDSKAL AENNLHLPKL  
EGKDGCQSG FNQETCLTRI TTGLVEFQLH LNILQNNYEG DKENVKSVHM STKILVQMLK SKVKNQDEV  
TPDPTDASL QAILQSQDEC VKHTTIHLIL RSLDFLQFS LRAVRIMLEH HHHHH.