
Product Data Sheet

Product Name: IL6 Canine
 Cat. No.: GP20524
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IL6; IL-6; Interleukin-6.		
Amino Acid Sequence	FPTPGPLAGD SKDDATSNSL PLTSANKVEE LIKYILGKIS ALRKEMCDKF NKCEDSKKEAL AENNLHLPKL EGKDGCFQSG FNQETCLTRI TTGLVEFQLH LNILQNNYEG DKENVKSVHM STKILVQMLK SKVKNQDEVT TPDPTTDASL QAILQSQDEC VKHTTIHLIL RSLEDFLQFS LRAVRIMLEH HHHHH.		
Formulation	IL6 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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