

32-6467: IL21 Human, Sf9

Alternative Name : Interleukin-21 isoform 1, CVID11, IL-21, Za11.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Interleukin-21 isoform 1 or IL21, categorized as a T helper cytokine. IL21 is part of the regulation of immune responses, haematopoiesis and cell-mediated responses. IL21 has a key role in haematopoiesis and immune responses regulation, therefore can affect lymphocyte development. Activation of T cells leads to production of the IL21. The protein has a crucial role in the viral infections persistence.

IL21 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 145 amino acids (30-162a.a.) and having a molecular mass of 16.9kDa. (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). IL21 is expressed with a 12 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : IL21 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 20% 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 : ADPEFMQGQD RHMIRMRLI DIVDQLKNYV NDLVPEFLPA PEDVETNCEW SAFSCFQKAQ LKSANTGNNE RIINVSIIKL KRKPPSTNAGRRQKHRLTCP SCDSYEKKPP KEFLERFKSL LQKMIHQHLS SRTHGSEDSH HHHHH.