

32-17632: Recombinant Human IL18 Protein, mFc Tag

Uniprot ID : Q14116

Alternative Name : IGIF, IL-1g, IL-18, IL1F4

Description

Molecular Characterization: IL18(Thr37-Asp197) mFc(Pro99-Lys330)

Molecular weight: The protein has a predicted molecular mass of 44.3 kDa after removal of the signal peptide. The apparent molecular mass of IL18-mFc is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human IL18 with C-terminal mouse Fc tag

The protein encoded by this gene is a proinflammatory cytokine of the IL-1 family that is constitutively found as a precursor within the cytoplasm of a variety of cells including macrophages and keratinocytes. The inactive IL-18 precursor is processed to its active form by caspase-1, and is capable of stimulating interferon gamma production, and of regulating both T helper (Th) 1 and Th2 responses. This cytokine has been implicated in the injury of different organs, and in potentially fatal conditions characterized by a cytokine storm. In humans, IL-18 gene is located on chromosome 11. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.