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32-17988: Recombinant Human IL12B Protein, His Tag

Uniprot ID : P29460
Alternative Name : IL-12B; CLMF p40; IL-12 subunit p40; NKSF2

Description

Molecular Characterization: IL12B(Ile23-Ser328) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 35.5 kDa after removal of the signal peptide. The apparent molecular mass of IL12B-His is approximately 35-55 kDa due to glycosylation.
Description: Recombinant human IL12B protein with C-terminal 6Ã—His tag
This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children.

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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.