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32-18203: Recombinant Human IL12A & IL12B Heterodimer Protein, hFc Tag & His Tag

Uniprot ID : P29459;P29460
Alternative Name : CLMF; IL-12A; NFSK; NKSF1; P35 & CLMF; CLMF2; IL-12B; IMD28; IMD29; NKSF; NKSF2

Description

Molecular Characterization: IL12A(Arg23-Ser219) hFc(Glu99-Ala330)and IL12B(Ile23-Ser328) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 48.7 and 35.5 kDa after removal of the signal peptide.
Description: Recombinant Human IL12A Protein with C-terminal human Fc tag and Human IL12B Protein with C-terminal 6Ã—His tag
Interleukin 12 (IL12) is also known as p70, and is an interleukin that is naturally produced by dendritic cells, macrophages and human B-lymphoblastoid cells (NC-37) in response to antigenic stimulation.IL12 is a heterodimeric cytokine, containing IL-12A (p35) and IL-12B (p40). IL-12 is involved in the differentiation of naive T cells into Th1 cells. It is known as a T cell-stimulating factor, which can stimulate the growth and function of T cells. It stimulates the production of IFN-Î³ and TNF-a from T cells and NK cells, and reduces IL-4 mediated suppression of IFN-Î³. IL-12 plays an important role in the activities of natural killer cells and T lymphocytes. IL-12 also has anti-angiogenic activity, which means it can block the formation of new blood vessels.

Product Info

Amount :	100 µg / 50 µg
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.