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32-18100: Recombinant Human IL9 Protein, His Tag

Uniprot ID : P15248
Alternative Name : HP40; IL-9; P40

Description

Molecular Characterization: IL9(Gln19-Ile144) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 14.9 kDa after removal of the signal peptide. The apparent molecular mass of IL9-His is approximately 25-55 kDa due to glycosylation.
Description: Recombinant Human IL9 protein with C-terminal 6Ã—His tag
The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

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.