Cat. No. PME101156



PRODUCT INFORMATION

IL9 **Target**

Synonyms HP40;IL-9;P40

Recombinant Human IL9 Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P15248 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Background

IL9(Gln19-Ile144) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

40.3 kDa after removal of the signal peptide. The apparent molecular mass of IL9-hFc is **Molecular Weight**

approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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.

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[provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated





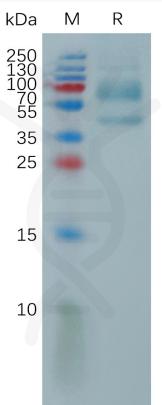


Figure 1. Human IL9 Protein, hFc Tag on SDS-PAGE under reducing condition.



