

Recombinant human IL-9 protein, C-His (HEK293)

Catalog Number: bs-43789P

Concentration: >1mg/ml

Species: Human

AA Seq: 19-144/144

Predicted MW: 16

Tags: C-His

Endotoxin: Not analyzed

Purity: $\geq 90\%$ as determined by SDS-PAGE.

Purification: AC

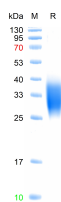
Form: Liquid

Storage: PBS (pH=7.4)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles

Background: 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. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.