

Catalog Number: HZ-1240

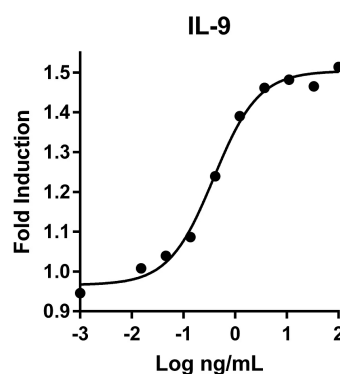
HEK293 expressed

Endotoxin-free

Animal-component free

## Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically $\leq 1$ ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ $\mu$ g
Molecular Mass	38 to 48 kDa, monomer, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	3578



The activity was determined by the dose-dependent stimulation of the proliferation of human MO7e cells (human megakaryoblastic leukemia cell line) using Promega CellTiter96<sup>®</sup> Aqueous Non-Radioactive Cell Proliferation Assay.

## Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

## Stability and Storage

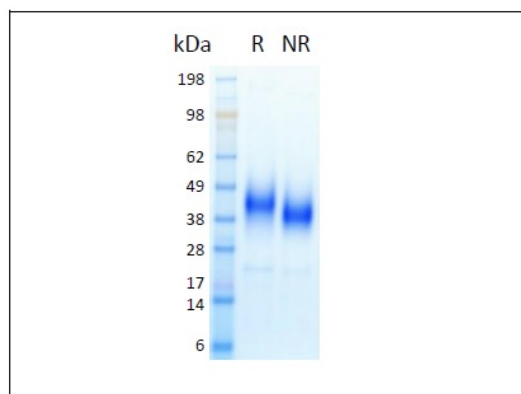
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

## Product Description

Animal-free Recombinant Human IL-9 is expressed from human 293 cells as a glycoprotein monomer with apparent molecular mass of 38 to 48 kDa. IL-9 is produced in a human cell expression system with serum-free, chemically defined media. It stimulates cell proliferation and also prevents apoptosis. IL-9 acts as a regulator for a variety of hematopoietic cells. It enhances the expansion and recruitment of mast cells and eosinophils. This cytokine is greater than 95% pure.

## Synonyms

p40 cytokine, T-cell growth factor p40 T cell growth factor p40, Tcell growth factor p40



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

For technical support and original validation data for this product please contact:

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