

Recombinant Human IL-9 (Interleukin 9)

Catalog # (Size): HZ-1240 (10µg) HZ-1241 (100µg) HZ-1242 (1000µg)

Product Description

- Endotoxin-free
- Animal-derived product free
- Lyophilized and Carrier Free (CF)
- High Activity

Xeno-free IL-9^{HuXp} 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.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 1 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	38 to 48 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

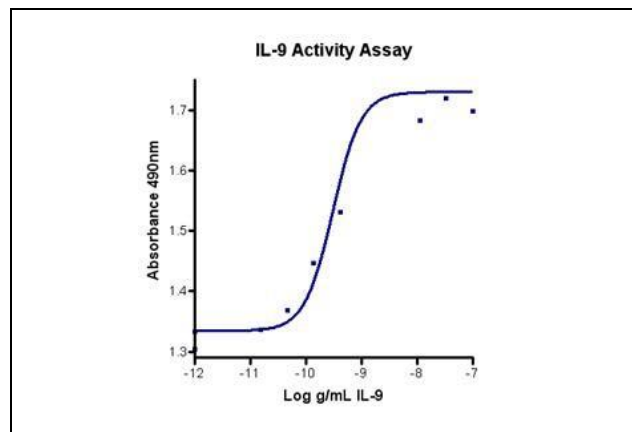
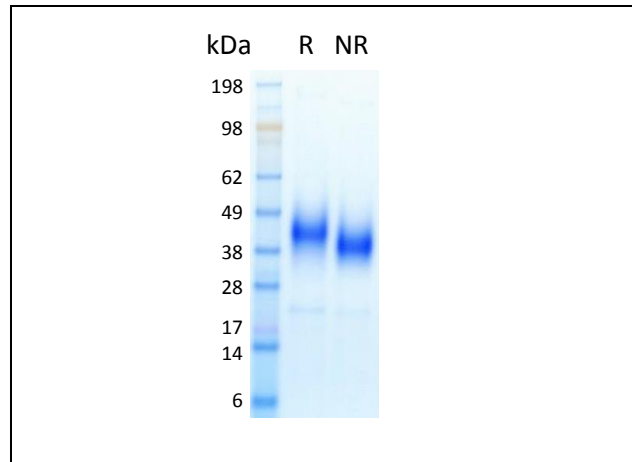
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of human MO7e cells (human megakaryoblastic leukemia cell line).



All HumaXpress[®] HumanKine[™] are animal-component-free and Xeno-free[™]



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).

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