


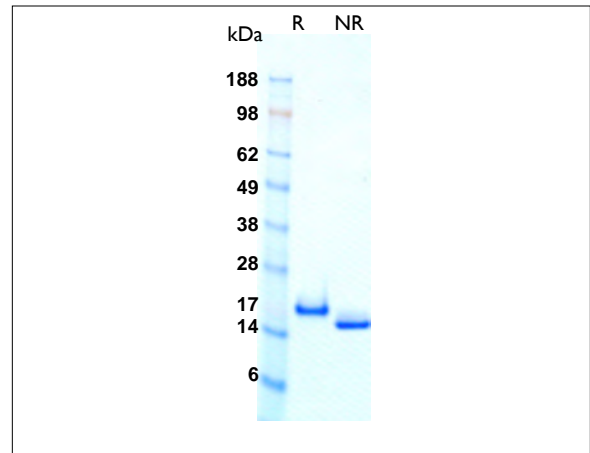
Recombinant Human IL-10

Product Description

- Endotoxin-free*
- Animal-derived product free
- Available in Bulk
- High Activity
- Authentic Glycosylation

Xeno-free IL-10^{HuXp} is expressed in human 293 cells as a non-covalent homodimeric glycoprotein with an apparent molecular mass of 17 kDa. This cytokine is produced in a serum-free, chemically defined media. Glycosylation contributes to stability in cell growth media and other applications. The cytokine is greater than 95% pure.

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



Typical Specifications

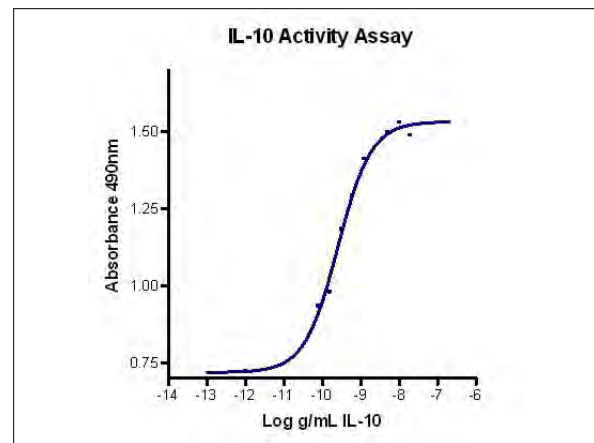
Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 1.5 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	17 kDa, non-disulfide bonded homodimer, glycosylated
Formulation	10mM Tris-HCl pH 7.4 + 150mM NaCl

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 MC/9 cells (mouse mast cell line) in the presence of 200 pg/mL IL-4.



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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