


Recombinant Human IL-10

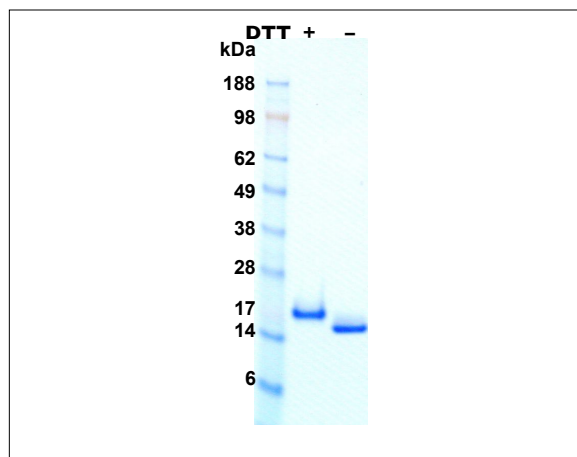
IL-10 HumaXpress

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

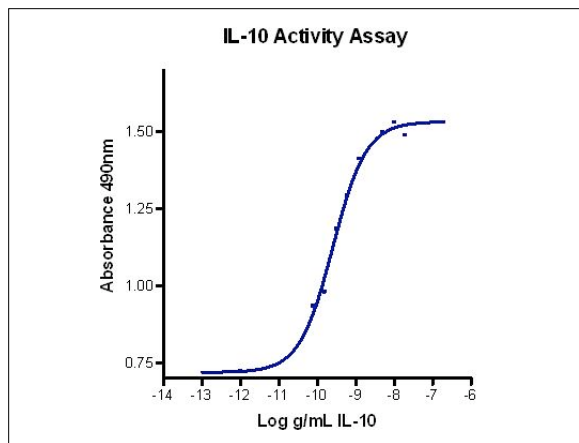
Species	Human
Expression	Human Cell Expressed
Activity	0.3 to 1.5 ng/mL ED50
Purity	>95%
Endotoxin	Endotoxin-free*
Molecular Mass	17 kDa, non-disulfide bonded homodimer, glycosylated

Purity Confirmation

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

Activity Assay

The specific 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.



* Endotoxin-free ... <1 EU/μg
All HumanKine™ cytokines are expressed in the HumaXpress® human cell expression system and intrinsically have low endotoxin levels.

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