


Recombinant Human IL-2

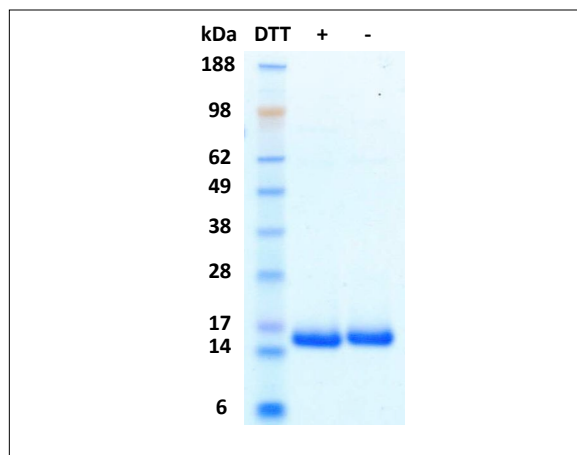
IL-2 HumaXpress

Product Description

- Endotoxin-free*
- Animal-derived product free
- High Activity
- Authentic Glycosylation

Xeno-free IL-2^{HuXp} is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 15 kDa. This cytokine is produced in a human cell expression system with serum-free, chemically defined media. Production in human 293 cells offers authentic glycosylation, which contributes to stability in cell growth media.

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



Typical Specifications

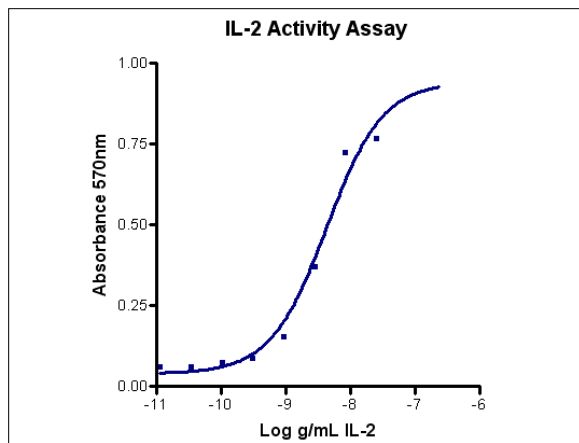
Species Human
Expression Human Cell Expressed
Activity 0.2 to 2 ng/mL ED50
Purity >95%
Endotoxin Endotoxin-free*
Molecular Mass 15 kDa, monomer, glycosylated

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 mouse CTLL-2 cells (mouse cytotoxic T cell line).



* 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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