

Recombinant Human IL-2 (Interleukin 2)

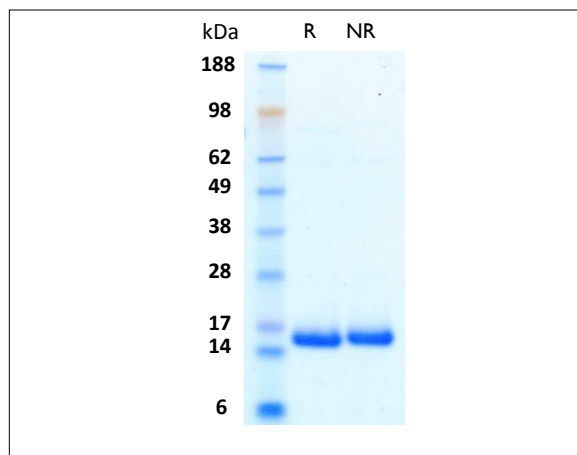
Product Description

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

Xeno-free IL-2 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

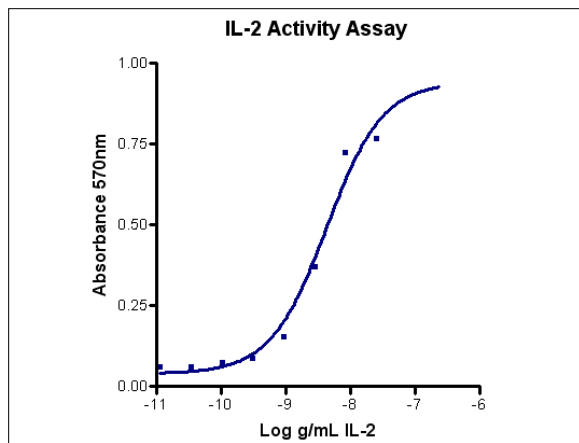
Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 5 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	15 kDa, monomer, glycosylated
Formulation	1x PBS

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



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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