


**Recombinant Human  
IL-6**

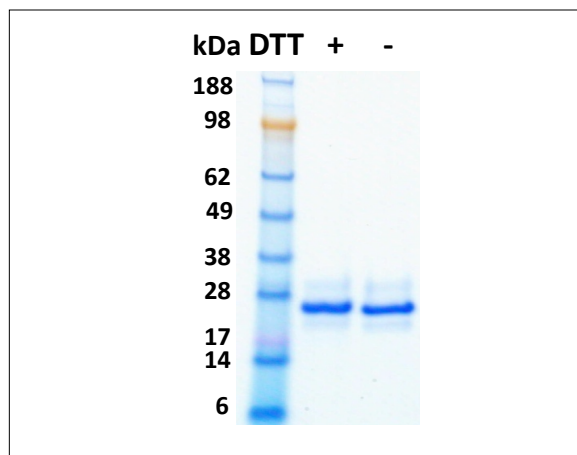
**IL-6 HumaXpress**

**Product Description**

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

Xeno-free IL-6<sup>HuXP</sup> is produced in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 26 to 30 kDa. This broad molecular mass is attributable to glycosylation, which is absent when this cytokine is expressed in *E. coli*. Glycosylation contributes to stability in cell growth media and other applications. IL-6<sup>HuXP</sup> is produced in a human cell expression system with serum-free, chemically defined media. The cytokine purity is greater than 95%.

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



**Typical Specifications**

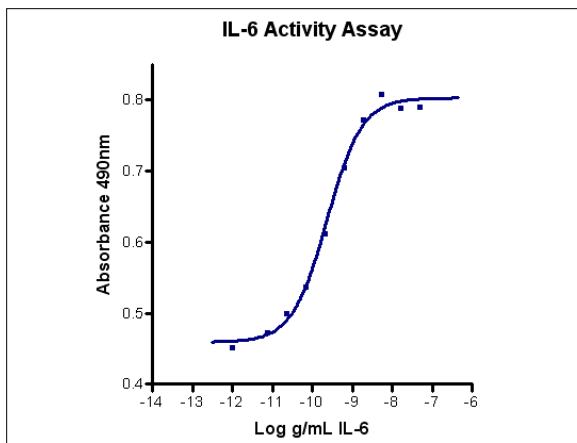
**Species** Human  
**Expression** Human Cell Expressed  
**Activity** 0.2 to 1 ng/mL ED50  
**Purity** >95%  
**Endotoxin** Endotoxin-free\*  
**Molecular Mass** 26 and 30 kDa, monomer, glycosylated

**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 human TF-1 cells (human erythroleukemic indicator 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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