


Recombinant Human EPO

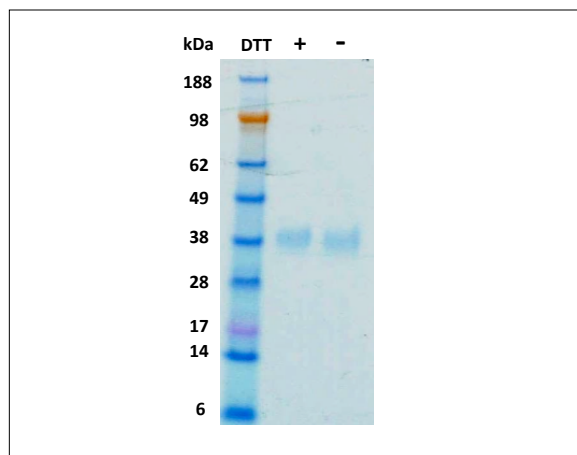
EPO HumaXpress

Product Description

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

Xeno-free EPO^{HuXp} is expressed in human 293 cells in a serum-free, chemically defined media. EPO^{HuXp} has more abundant and diverse glycan profiles and exhibits a lower molecular mass and substantially higher content of neutral glycans than the CHO cell produced version. See "EPO Authentic Glycan Structure" article (available at www.HumanZyme.com) for more information on the comparison of glycan structure.

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



Typical Specifications

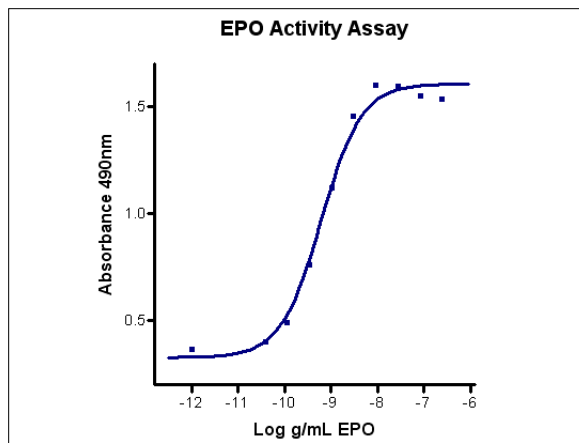
Species Human
Expression Human Cell Expressed
Activity 0.5 to 2.5 ng/mL ED50
Purity >95%
Endotoxin Endotoxin-free*
Molecular Mass 36 kDa, monomer, glycosylated

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-I 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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