


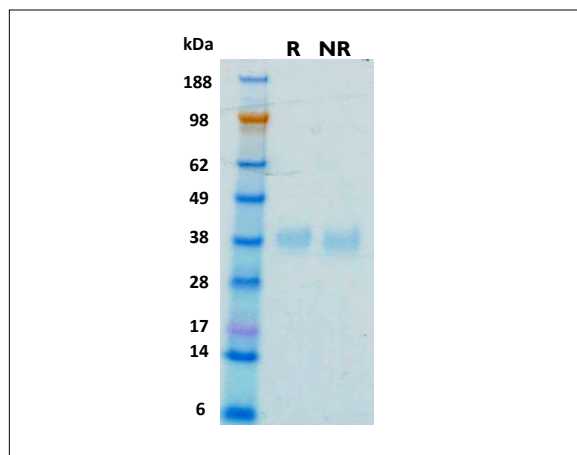
Recombinant Human EPO (Erythropoietin)

Product Description

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

Xeno-free EPO is expressed in human 293 cells in a serum-free, chemically defined media. EPO 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

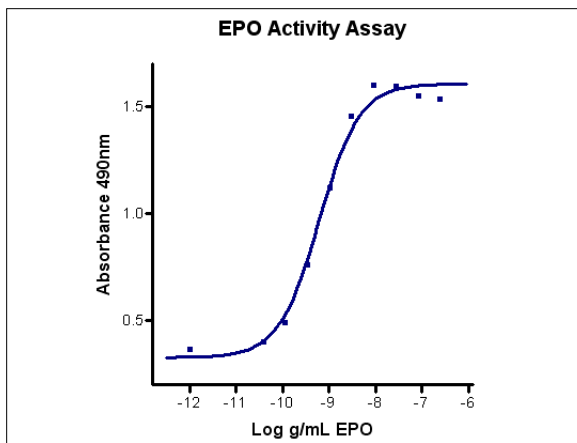
Species Human
Expression HEK293 Cell Expressed
Activity Typically ≤ 2.5 ng/mL EC₅₀
Purity >95%
Endotoxin <1 EU/ μ g
Molecular Mass 36 kDa, monomer, glycosylated
Formulation 1x PBS

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 human TF-1 cells (human erythroleukemic indicator 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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