

**Recombinant Human
EPO (Erythropoietin)**

Catalog # (Size): HZ-1168 (10µg) HZ-1169 (100µg) HZ-1079 (1000µg)

Product Description

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

Xeno-free EPO^{HuXp} 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.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 2.5 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	36 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

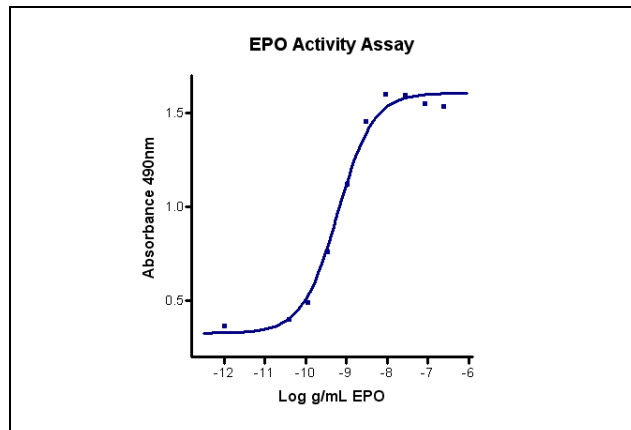
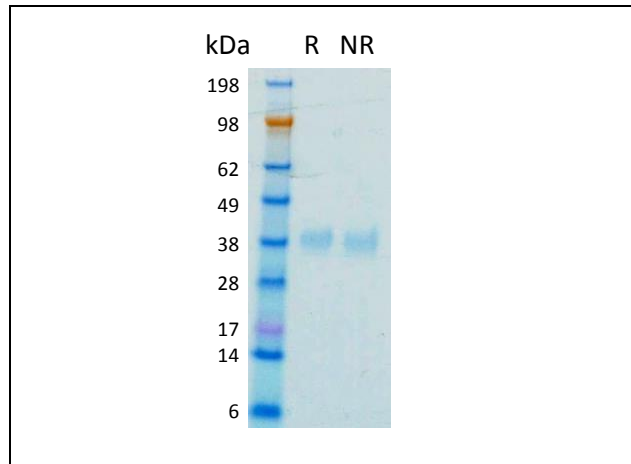
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).



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



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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