

## Recombinant Human TPO

## TPO HumaXpress

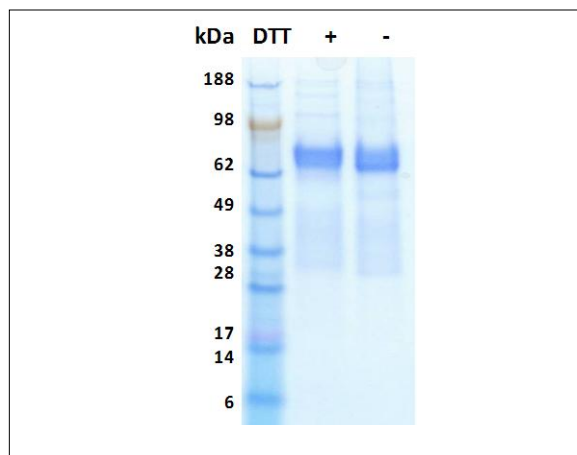
### Product Description

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

Xeno-free TPO<sup>HuXp</sup> is expressed from human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 80 to 85 kDa. This cytokine is produced in a serum-free, chemically defined media. Production in human 293 cells offers authentic glycosylation, contributing to stability in cell growth media and other applications. C-terminal domain glycosylation is thought to be important for the secretion of TPO from cells and for survival of TPO in the circulation. The purity is greater than 90%.



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



### Typical Specifications

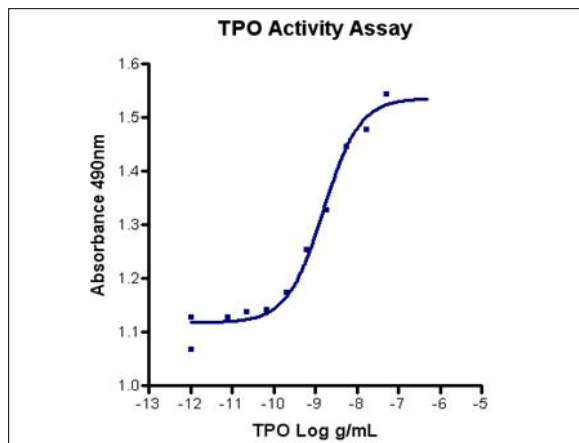
<b>Species</b>	Human
<b>Expression</b>	Human Cell Expressed
<b>Activity</b>	0.5 to 5 ng/mL ED50
<b>Purity</b>	>90%
<b>Endotoxin</b>	Endotoxin-free*
<b>Molecular Mass</b>	80 to 85 kDa, glycosylated, monomer

### 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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