

## Erythropoietin receptor/EpoR Protein, Human (250a.a, HEK293 , Fc)

Cat. No.:	HY-P73521
Synonyms:	EpoR; EPO-R; Erythropoietin R; Erythropoietin receptor
Species:	Human
Source:	HEK293
Accession:	P19235 (M1-P250)
Gene ID:	2057
Molecular Weight:	55-60 kDa

### PROPERTIES

<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized EPOR-hFc at 2µg/mL (100µL/well) can bind cynomolgus Erythropoietin-His and the EC <sub>50</sub> is 4-20 ng/mL. Measured by its ability to inhibit Ependent proliferation of TF-1 human erythroleukemic cells and the ED <sub>50</sub> is 1-4 ng/mL in the presence of 0.1 U/mL Human EPO.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized a 0.2 µm filtered solution of PBS, 8% sucrose, 0.5% Tween-20, pH 7.4
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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