

# Recombinant Human Erythropoietin (EPO)

Catalog Numbers PHC9631, PHC9634

Pub. No. MAN0005448 Rev. 2.0








## Product specifications

Catalog number	PHC9634	PHC9631
Amount	10 µg	100 µg
Lot number	See product label.	
Molecular weight	18.4 kDa, but apparent molecular weight is 38 kDa by SDS-PAGE.	
Purity	≥95% as determined by SDS PAGE analysis.	
Biological activity	ED <sub>50</sub> ≤0.8 ng/mL, determined by the dose dependent proliferation of TF-1 cells.	
Endotoxin	<1 EU/µg	
Production	Expressed in CHO cells and purified via sequential chromatography.	
Reconstitution recommendation	Centrifuge the vial briefly, prior to opening to bring the contents to the bottom. Reconstitute the lyophilized protein in sterile water to a concentration of 0.1–1 mg/mL to regain full activity. Apportion the reconstituted protein into working aliquots and store at ≤ –20°C. Make any further dilutions of the reconstituted protein in medium or buffered solution containing carrier protein, such as PBS with 0.1% BSA.	
Suggested working dilutions	The optimal concentration should be determined for each specific application.	
Storage	Store lyophilized human EPO 2°C to 8°C, preferably desiccated. Store reconstituted human EPO at ≤ –20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.	
Expiration date	Expires one year from date of receipt when stored as instructed.	

## Limited product warranty

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## Explanation of Symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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**Manufacturer's address:** Life Technologies Corporation | 7335 Executive Way | Frederick, MD 21704 | USA

The information in this guide is subject to change without notice.

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