

**Product:** Erythropoietin-alpha, Human Recombinant  
**Catalog #:** 11-EPO-AH  
**Amount:** 10ug

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**DESCRIPTION:** Recombinant Human Erythropoietin-alpha (rHuEPO- $\alpha$ )  
rHuEPO- $\alpha$  is a single, polypeptide chain containing 165 amino acids and having a predicted molecular mass of 21,000 Dalton and apparent glycosylated molecular mass of 30,400 Dalton. rHuEPO- $\alpha$  is purified by proprietary chromatographic techniques

**SOURCE:** *Chinese Hamster Ovary Cells (CHO)*

**PURITY:** Greater than 98.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Anion-exchange FPLC.  
(c) Analysis by reducing and non-reducing SDS-PAGE Silver-Stained gel.

**ENDOTOXIN:** Less than 0.1 ng/ $\mu$ g (IEU/ $\mu$ g) of rHuEPO- $\alpha$

**DIMERS & AGREGATES:** Less than 1% as determined by silver-stained SDS-PAGE gel analysis

**FORM:** Purified

**STORAGE:** -20°C (aliquot), avoid repeated freeze and thaw cycles.

**BIOLOGICAL ACTIVITY:** rHuEPO- $\alpha$  is fully biologically active when compared to standards.  
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The Specific Activity was measured by Normocyth-aemic mice and was found to be 120,000IU/mg.

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