

## Recombinant Human Erythropoietin- $\alpha$ (EPO- $\alpha$ )

<b>CATALOG #:</b>	4764-500	500IU
<b>SOURCE:</b>	Chinese Hamster Ovary Cells (CHO)	
<b>PURITY:</b>	$\geq$ 98% as determined by SDS-PAGE and HPLC	
<b>ENDOTOXIN:</b>	Less than 0.1 ng/ $\mu$ g (IEU/ $\mu$ g) of rhEPO	
<b>PHYSICAL APPEARANCE:</b>	Lyophilized powder	
<b>FORMULATION:</b>	Each mg of lyophilized protein contains 0.58 mg sodium citrate, 0.58 mg sodium chloride and 0.006 mg citric acid.	

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1 to 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human EPO should be stored at working aliquots at -20°C. Avoid freeze-thaw cycles.

### DESCRIPTION:

Recombinant Human Erythropoietin-alpha produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology is a single, polypeptide chain containing 165 amino acids and having a predicted molecular mass of 21 kDa and apparent glycosylated molecular mass of 30.4 kDa. EPO-alpha is purified by proprietary chromatographic techniques.

### ACTIVITY:

BioVision's Erythropoietin is fully biologically active when compared to standard. The Specific Activity measured by Normocyth-aemic mice was found to be 120,000IU/mg.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Additional Apoptosis Kits & Reagents

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
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