

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

<b>CATALOG #:</b>	4766-500	500IU
	4766-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	Chinese Hamster Ovary Cells (CHO)	
<b>PURITY:</b>	$\geq 99\%$ as determined by SDS-PAGE and HPLC	
<b>ENDOTOXIN:</b>	Less than 0.1 ng/ $\mu$ g (IEU/ $\mu$ g) of rhEPO- $\beta$	
<b>PHYSICAL APPEARANCE:</b>	Sterile filtered solution at a concentration of 0.42 mg/ml.	

**FOMULATION:**

Each mg in 2.4 ml solution contains 2.3 mg sodium phosphate dibasic, 0.55 mg sodium phosphate monobasic buffer, 5.8 mg sodium chloride and 0.06 mg calcium chloride and 0.004% Tween 20.

**STORAGE CONDITIONS:**

rhEPO- $\beta$  can be stored at 4°C for up to 3 months. For long-term storage, it is recommended to be aliquoted and store at -70°C. Avoid freeze-thaw cycles.

**DESCRIPTION:**

Recombinant Human Erythropoietin-beta is 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 rhEPO- $\beta$  is fully biologically active when compared to standard. The Specific Activity measured by Normocyth-aemic mice was found to be 120,481IU/mg.

**RELATED PRODUCTS:**

## Apoptosis Detection Kits &amp; Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

## Cell Fractionation System

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

## Cell Proliferation &amp; Senescence

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

## Cell Damage &amp; Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
- Nitric Oxide Fluorometric & Colorimetric Assay Kits

## Signal Transduction

- Camp & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

## Adipocyte &amp; Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP & PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

## Molecular Biology &amp; Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit

## Monoclonal and Polyclonal Antibodies (many)