

**EPO-alpha, human recombinant protein**  
Erythropoietin- $\alpha$ , EPO- $\alpha$ , Epoetin, EP, MGC138142  
Catalog # PBV10402r

## Specification

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### EPO-alpha, human recombinant protein - Product info

Primary Accession [P01588](#)  
Calculated MW **30.4 kDa KDa**

### EPO-alpha, human recombinant protein - Additional Info

Gene ID **2056**  
Gene Symbol **Epo**  
**Other Names**  
Erythropoietin- $\alpha$ , EPO- $\alpha$ , Epoetin, EP, MGC138142

Gene Source **Human**  
Source **CHO cells**  
Assay&Purity **SDS-PAGE;  $\geq 98\%$**   
Assay2&Purity2 **HPLC;  $\geq 98\%$**   
Recombinant **Yes**

#### Application Notes

Reconstitute in H<sub>2</sub>O 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.

#### Format

Lyophilized protein

#### Storage

-20°C; Each mg of lyophilized protein contains 0.58 mg sodium citrate, 0.58 mg sodium chloride and 0.006 mg citric acid.

### EPO-alpha, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### EPO-alpha, human recombinant protein - Images

### EPO-alpha, human recombinant protein - Background

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.