

EPO-alpha, human recombinant protein
Erythropoietin- α , EPO- α , Epoetin, EP, MGC138142
Catalog # PBV10402r**Specification**

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- α , EPO- α , 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 H₂O 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- α 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- α is purified by proprietary chromatographic techniques.