

Human CellExp EPO, Human recombinant protein
Human Cellexp Human Recombinant EPO
Catalog # PBV10679r**Specification**

Human CellExp EPO, Human recombinant protein - Product info

Primary Accession [P01588](#)
Calculated MW **36 kDa, monomer, glycosylated kDa**

Human CellExp EPO, Human recombinant protein - Additional Info

Gene ID **2056**
Gene Symbol **EPO**
Other Names
Erythropoietin-Alpha, EPO-a, EPO-alpha, Epoetin, EP, MGC138142.

Gene Source **Human**
Source **Human 293 cell expressed**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results **0.5 to 2.5 ng/ml**

Application Notes

Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized from a PBS solution.

Human CellExp EPO, 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](#)

Human CellExp EPO, Human recombinant protein - Images**Human CellExp EPO, Human recombinant protein - Background**

Erythropoietin is a member of the EPO/TPO family. EPO is found in the plasma and regulates red

cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types.

Human CellExp EPO, Human recombinant protein - References

Jacobs K.,et al.Nature 313:806-810(1985).

Lin F.-K.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:7580-7584(1985).

Gloeckner G.,et al.Genome Res. 8:1060-1073(1998).

Rupert J.L.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.

Hillier L.W.,et al.Nature 424:157-164(2003).