
Product Datasheet

Human EPO-alpha (rHuEPO- α) (orb1494995)

Description

Erythropoietin (EPO), a glycoprotein

principal factor that ...

Endotoxins

Less than 1EU/mg of rHuEPO- α as determined by LAL method.

Preservatives

0.2mm filtered concentrated solution in PBS, pH 7.4.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

APRLICDSR VLERYLLEAK EAENITGCA
EHCSLNENIT VPDTKVNFYA WKRMEVGQQ
A VEVWQGLALL SEAVLRGQAL
LVNSSQPWEP LQLHVDKAVS GLRSLTLLR
ALGAQ KEAIS PPDAASAAPL RTITADTFRK
LFRVYSNFLR GKLKLYTGEA CRTGDR

Source

CHO

MW

Mature human EPO, containing 165 amino acid residues, has a predicted molecular mass of approximately 21 kDa. As a result of glycosylation, the recombinant protein migrates with an apparent molecular mass of 36-40 kDa in SDS-PAGE.

Expiration Date

6 months from date of receipt.