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## Product Datasheet

### Recombinant Human EPO-alpha (rHuEPO-alpha) BWT-PR1022

Article Name	Recombinant Human EPO-alpha (rHuEPO-alpha)
Biozol Catalog Number	BWT-PR1022
Supplier Catalog Number	PR1022
Alternative Catalog Number	BWT-PR1022-500IU,BWT-PR1022-2000IU,BWT-PR1022-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Erythropoietin (EPO), a glycoprotein produced primarily by the kidney, is the principal factor that regulates erythropoiesis by stimulating the proliferation and differentiation of erythroid progenitor cells. The production of EPO by kidney cells is ...
Molecular Weight	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.
Source	CHO
Purity	>98% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	APPRLICDSR VLERYLLEAK EAENITTGCA EHCSLNENIT VPDTKVNFYA WKRMEVGQQ A VEVWQGLALL SEAVLRGQAL LVNSSQPWEP LQLHVDKAVS GLRSLTLLR ALGAQ KEAIS PPDAASAAPL RTITADTRK LFRVYSNFLR GKLKLYTGEA CRTGDR
Formula	0.2mm filtered concentrated solution in PBS, pH 7.4.

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 <-20C. Further dilutions should be made in appropriate buffered solutions.