

## Product Datasheet

### Recombinant EPO, Human (orb1494750)

<b>Description</b>	Erythropoietin (EPO), a glycoprotein produced primarily by the kidney, is the principal factor that ...
<b>Endotoxins</b>	< 0.2 EU/μg, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	Lyophilized recombinant human EPO remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rhEPO should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH <sub>2</sub> O or PBS at 100 μg/ml.
<b>Protein Sequence</b>	APPRLICDSRVLERYLLEAKEAENITGCAEHCSLNENITVPDTKVNIFYAWKRMEV GQQAVEVWQGLALLSEAVLRGQAL LVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPPDAASAAPLRITITA DTRKLFVYSNFLRGKCLKLYTGEA CRTGDR
<b>Source</b>	CHO
<b>MW</b>	Mature human EPO, containing 166 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 26-36 kDa in SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.