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## Product Datasheet

### Recombinant Human EPO-R (C-Fc) EBT-EPT128

Article Name	Recombinant Human EPO-R (C-Fc)
Biozol Catalog Number	EBT-EPT128
Supplier Catalog Number	EPT128
Alternative Catalog Number	EBT-EPT128-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Erythropoietin Receptor is produced by our Mammalian expression system and the target gene encoding Ala25-Pro250 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 52 KDa. Apparent molecular weight: 55-75 KDa, reducing conditions
UniProt	<a href="#">P19235</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Background: 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 biological effects of Epo are mediated by the erythropoietin receptor (Epo R). The presence of a soluble form of the Epo R has also been detected on human sera. Recombinant soluble Epo R binds Epo with high affinity and is a potent Epo antagonist