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## Product Datasheet

### Recombinant Human Long R3 Insulin-like Growth factor-1 (rHuLR3IGF-1) BWT-PR1080

Article Name	Recombinant Human Long R3 Insulin-like Growth factor-1 (rHuLR3IGF-1)
Biozol Catalog Number	BWT-PR1080
Supplier Catalog Number	PR1080
Alternative Catalog Number	BWT-PR1080-20UG,BWT-PR1080-100UG,BWT-PR1080-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Insulin-like growth factor-1 (IGF-1) is the principal hormonal mediator of statural growth. Under normal circumstances, growth hormone (GH) binds to its receptor in the liver, and other tissues, and stimulates the synthesis/secretion of IGF-1. In tar...
Molecular Weight	Approximately 9.1 kDa, a single non-glycosylated polypeptide chain containing 83 amino acids.
Source	Escherichia coli.
Purity	>85% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MFPAMPLSSL FVNGPRTL CG AELVDALQFV CGDRGFYFNK PTGYGSSSR APQTGIVDEC CFRSCDLRRL EMYCAPLKPA KSA
Formula	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.2.

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.