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## Product Datasheet

### Recombinant Bovine Fibroblast Growth Factor-basic (rBoFGF-2) BWT-PR5001

Article Name	Recombinant Bovine Fibroblast Growth Factor-basic (rBoFGF-2)
Biozol Catalog Number	BWT-PR5001
Supplier Catalog Number	PR5001
Alternative Catalog Number	BWT-PR5001-10MG,BWT-PR5001-25MG,BWT-PR5001-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	bFGF is a single-chain polypeptide growth factor that plays a significant role in the process of wound healing and is a potent inducer of angiogenesis. Several different forms of the human protein exist ranging from 18-24 kDa in size due to the use o...
Molecular Weight	Approximately 18.5 kDa, a single non-glycosylated polypeptide chain containing 172 amino acids
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MTMITNSSSV PGDPLESMAA GSITTLPALP EDGGSGAFPP GHFKDPKRLY CKNGGFFLRI HPDGRVDGVR EKSDPHIKLQ LQAEERGVVS IKGVCANRYL AMKEDGRLLA SKCVTDECFF FERLESNNYN TYRSRKYSSW YVALKRTGQY KLGPKTGPQ KAILFLPMSA KS
Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4, containing 4% mannitol.

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.