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## Product Datasheet

### Recombinant Human beta-Defensin 1 (rHuBD-1) BWT-PR1007

Article Name	Recombinant Human beta-Defensin 1 (rHuBD-1)
Biozol Catalog Number	BWT-PR1007
Supplier Catalog Number	PR1007
Alternative Catalog Number	BWT-PR1007-5UG,BWT-PR1007-25UG,BWT-PR1007-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Defensins (alpha and beta) are cationic peptides with a broad spectrum of antimicrobial activity that comprise an important arm of the innate immune system. The alpha-defensins are distinguished from the beta-defensins by the pairing of their three d...
Molecular Weight	Approximately 5.0 KDa, a single non-glycosylated polypeptide chain containing 47 amino acids.
Source	Escherichia coli.
Purity	>98% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	GNFLTGLGHR SDHYNCVSSG GQCLYSACPI FTKIQGTCYR GKAKCCK
Formula	Lyophilized from a 0.2m filtered concentrated solution in 20mM PB, pH 7.4, 130mM NaCl.

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.