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## Product Datasheet

### Recombinant Human Tumor Necrosis Factor-alpha,His (rHuTNF-alpha-His) BWT-PR1126

Article Name	Recombinant Human Tumor Necrosis Factor-alpha,His (rHuTNF-alpha-His)
Biozol Catalog Number	BWT-PR1126
Supplier Catalog Number	PR1126
Alternative Catalog Number	BWT-PR1126-10UG,BWT-PR1126-50UG,BWT-PR1126-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Tumor necrosis factor alpha (TNF-alpha), also called cachectin, is produced by neutrophils, activated lymphocytes, macrophages, NK cells, LAK cells, astrocytes endothelial cells, smooth muscle cells and some transformed cells. TNF-alpha occurs as a s...
Molecular Weight	Approximately 17.5 kDa. a single, non-glycosylated, polypeptide chain containing 157 amino acids fragment (77-233) and having a molecular mass of 21.85 kDa with an amino-terminal hexahistidine tag.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MHHHHHHVRS SSRTPSDKPV AHVVANPQAE GQLQWLNRRANALLANGVEL RDNQLVPSE GLYLIYSQVL FKGQGCPSTH VLLTHTISRIAVSYQTKVNL LSAIKSPCQR ETPEGAEAKP WYEPIYLGGV FQLEKGDRLLAEINRPDYLD FAESGQVYFG IIAL

Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.0.
Application Notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM HAc 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.