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Product Datasheet

Recombinant Human Tumor Necrosis Factor-alpha (rHuTNF-alpha) BWT-PR1125

Article Name	Recombinant Human Tumor Necrosis Factor-alpha (rHuTNF-alpha)
Biozol Catalog Number	BWT-PR1125
Supplier Catalog Number	PR1125
Alternative Catalog Number	BWT-PR1125-10UG,BWT-PR1125-50UG,BWT-PR1125-1.0MG
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. The recombinant protein preparation is a mixture of a 158 amino acid residue form containing an N-terminal methionine and a 157 amino acid residue form with the sequence of mature human TNF-alpha.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	VRSSSRTPSD KPVAHVVANP QAEGQLQWLN RRANALLANG VELRDNQLVPSEGGLYLIYS QVLFKGQGCP STHVLLHTI SRIAVSYQTK VNLLSAIKSP CQRETPEGAE AKPWYEPIYL GGVFQLEKGD RLSAEINRPD YLDFAESGQV YFGIIAL
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 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.