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Product Datasheet

Recombinant Human Granulocyte Colony Stimulating Factor (rHuG-CSF) BWT-PR1034

Article Name	Recombinant Human Granulocyte Colony Stimulating Factor (rHuG-CSF)
Biozol Catalog Number	BWT-PR1034
Supplier Catalog Number	PR1034
Alternative Catalog Number	BWT-PR1034-2UG,BWT-PR1034-10UG,BWT-PR1034-1.0MG
Manufacturer	Bioworld Technology
Category	Biochemikalien
Product Description	G-CSF is a pleiotropic cytokine best known for its specific effects on the proliferation, differentiation, and activation of hematopoietic cells of the neutrophilic granulocyte lineage. It is produced mainly by monocytes and macrophages upon activati...
Molecular Weight	Approximately 18.7 kDa, a single non-glycosylated polypeptide chain containing 174 amino acids.
Source	Escherichia coli.
Purity	>98% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	TPLGPASSLP QSFLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGILLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAF ASAFQRRAGG VLVASHLQSF LEVSYRVLRH LAQP
Formula	Lyophilized from a 0.2mm filtered concentrated solution in 10mM sodium acetate buffer pH 4.0.

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 apportio