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## Product Datasheet

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

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|----------------------------|---|
| 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                   | Proteine/Peptide  |
| 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<br>GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGLLQ ALEGISPELG<br>PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAF<br>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 apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.