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## Product Datasheet

### Recombinant Rat Granulocyte- Macrophage Colony Stimulating Factor (rrGM-CSF) BWT-PR3003

|                            |   |
|----------------------------|---|
| Article Name               | Recombinant Rat Granulocyte- Macrophage Colony Stimulating Factor (rrGM-CSF)  |
| Biozol Catalog Number      | BWT-PR3003  |
| Supplier Catalog Number    | PR3003  |
| Alternative Catalog Number | BWT-PR3003-5UG,BWT-PR3003-20UG,BWT-PR3003-1.0MG   |
| Manufacturer               | Bioworld Technology   |
| Category                   | Biochemikalien  |
| Product Description        | GM-CSF is a hematopoietic growth factor that stimulates the development of neutrophils and macrophages and promotes the proliferation and development of early erythroid megakaryocytic and eosinophilic progenitor cells. It is produced in by endothelia... |
| Molecular Weight           | Recombinant rat GM-CSF is a 14.5 kDa globular protein consisting of 128 amino acids residues.   |
| Source                     | Escherichia coli.   |
| Purity                     | >98% by SDS-PAGE and HPLC analyses.   |
| Form                       | Sterile Filtered White Lyophilized (freeze-dried) powder.   |
| Sequence                   | MAPTRSPNPV TRPWKHVDAI KEALSLLNDM RALENEKNED VDIISNEFSI<br>QRPTCVQTRL KLYKQGLRGN LTKLNGALTM IASHYQTNCP PTPETDCEIE<br>VTTFEDFIKN LKGFLFDIPF DCWKPVQK  |
| Formula                    | Lyophilized from a 0.2mm filtered solution in PBS, pH 7.4.  |

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