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## Product Datasheet

**Human GM CSF (Pichia) Protein**  
**BYT-ORB425780**

Article Name	Human GM CSF (Pichia) Protein
Biozol Catalog Number	BYT-ORB425780
Supplier Catalog Number	orb425780
Alternative Catalog Number	BYT-ORB425780-1, BYT-ORB425780-10, BYT-ORB425780-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human GM CSF (Pichia) protein...
Buffer	The protein was lyophilized from a concentrated (1mg/ml) solution containing 10mM phosphate buffer pH 7.0, 40 mg mannitol and 10 mg sucrose.
Purity	Greater than 97.0% as determined by1. Analysis by RP-HPLC.2. Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Pro-Ala-Arg-Ser
Application Notes	Solubility: It is recommended to reconstitute the lyophilized Granulocyte Macrophage Colony Stimulating Factor in sterile 18MO-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The ED50 as determined by the dose-dependant stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) is < 0.183 ng/ml, corresponding to a Specific Activity of 5,500,000IU/mg. Application Notes: Cytokines And Growth Factors