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Product Datasheet

Mouse GM CSF Protein BYT-ORB425784

Article Name	Mouse GM CSF Protein
Biozol Catalog Number	BYT-ORB425784
Supplier Catalog Number	orb425784
Alternative Catalog Number	BYT-ORB425784-1, BYT-ORB425784-20, BYT-ORB425784-5
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of mouse GM CSF protein...
Buffer	GM-CSF Mouse was lyophilized with no additives.
Purity	Greater than 98.0% as determined by(a) Analysis by RP-HPLC.(b) 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 Met-Ala-Pro-Thr-Arg

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Granulocyte Macrophage Colony Stimulating Factor in sterile 20mM AcOH (acetic Acid) 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 murine FDC-P1 cell line is < 0.2 ng/ml, corresponding to a Specific Activity of 5,000,000 IU/mg. Application Notes: Protein content: GM-CSF quantitation was carried out by two independent methods¹. UV spectroscopy at 280 nm using the absorbency value of 0.765 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a calibrated solution of GM-CSF as a Reference Standard