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Product Datasheet

Human IL 4 Protein BYT-ORB429407

Article Name	Human IL 4 Protein
Biozol Catalog Number	BYT-ORB429407
Supplier Catalog Number	orb429407
Alternative Catalog Number	BYT-ORB429407-1,BYT-ORB429407-20,BYT-ORB429407-5
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human IL4 protein...
Buffer	IL-4 was lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in PBS, pH 7.4.
Purity	Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MHKCDITLQE IIKTLNSLTE QKTLCTELTV TDIFAASKNT TEKETFCRAA TVLRQFYSHH EKDTRCLGAT AQQFHRHKQL IRFLKRLDRN LWGLAGLNSC PVKEANQSTL ENFLERLKTI MREKYSKCSS

Application Notes

Solubility: It is recommended to reconstitute the lyophilized IL-4 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 TF-1 cells is < 0.2 ng/ml, corresponding to a Specific Activity of 5,000,000 IU/mg. Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 0.594 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 standard solution of IL-4 as a Reference Standard