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Product Datasheet

IL 4 Protein BYT-ORB429410

Article Name	IL 4 Protein
Biozol Catalog Number	BYT-ORB429410
Supplier Catalog Number	orb429410
Alternative Catalog Number	BYT-ORB429410-1,BYT-ORB429410-20,BYT-ORB429410-5
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of IL 4 protein...
Buffer	Lyophilized from a 0.2µm filtered concentrated solution in PBS pH 7.4 and 5% trehalose.
Purity	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	HGCNDSPLR EIINTLNQVT EKGTPCTEMF VPDVLTATRN TTENELICRA SRVLRKFYFP RDVPPCLKNK SGVLGELRKL CRGVSGLNSL RSCTVNESTL TTLKDFLESL KSILRGKYLQ SCTSMS

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Interleukin 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 in a cell proliferation assay using rat splenocytes is less than 2ng/ml corresponding to a specific activity of 500,000IU/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 0.2 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