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Product Datasheet

Mouse IL 13 Protein BYT-ORB429401

Article Name	Mouse IL 13 Protein
Biozol Catalog Number	BYT-ORB429401
Supplier Catalog Number	orb429401
Alternative Catalog Number	BYT-ORB429401-1,BYT-ORB429401-10,BYT-ORB429401-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of mouse IL13 protein...
Buffer	The protein (1mg/ml) was lyophilized in PBS, pH 7.2 and 5% trehalose.
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MPVPRSVSLP LTLKELIEEL SNITQDQTPL CNGSMVWSVD LAAGGFCVAL DSLTNISNCN AIYRTQRILH GLCNRKAPTT VSSLPDTKIE VAHFITKLLS YTKQLFRHGP F

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Interleukin 13 in sterile 18MO-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The ED₅₀ range=4 ng/ml, corresponding to a specific activity of 250,000IU/mg as determined by the dose dependent proliferation of TF-1 cells. Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 0.69 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 IL-13 as a Reference Standard