

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human IL 13 Protein BYT-ORB429400

Article Name	Human IL 13 Protein
Biozol Catalog Number	BYT-ORB429400
Supplier Catalog Number	orb429400
Alternative Catalog Number	BYT-ORB429400-1,BYT-ORB429400-10,BYT-ORB429400-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human IL13 protein...
Buffer	The protein (1mg/ml) was lyophilized with 1xPBS pH-7.2 & 5% trehalose.
Purity	Greater than 95% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	GPVPPSTALRELIEELVNITQNQKAPLCNGSMVWSINLTAGMYCAALESLINVS GCSAIEKTQRMLSGFCPHKVSAGQFSSLHVRDTKIEVAQFVKDLLLHLKLFRE GRFN

Application Notes	<p>Solubility: It is recommended to reconstitute the lyophilized Interleukin 13 in sterile 18MO-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The ED<sub>50</sub> was determined by the dose dependent proliferation of TF-1 cells and was found to be 1 x 10<sup>6</sup>units/mg.</p> <p>Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 0.57 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</p>
-------------------	---