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## Product Datasheet

### Human IL 6 Protein BYT-ORB429412

Article Name	Human IL 6 Protein
Biozol Catalog Number	BYT-ORB429412
Supplier Catalog Number	orb429412
Alternative Catalog Number	BYT-ORB429412-1,BYT-ORB429412-20,BYT-ORB429412-5
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human IL6 protein...
Buffer	Lyophilized from a 0.2um 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	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Pro-Val-Pro-Pro

Application Notes	<p>Solubility: It is recommended to reconstitute the lyophilized Interleukin-6 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> as determined by the dose-dependant stimulation of murine 7TD1 cells is less than 0.1 ng/ml, corresponding to the specific activity of 1.0 x 10,000,000 Units per 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 0.47 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-6 as a Reference Standard</p>
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