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Product Datasheet

Human IL 1 alpha Protein BYT-ORB429395

Article Name	Human IL 1 alpha Protein
Biozol Catalog Number	BYT-ORB429395
Supplier Catalog Number	orb429395
Alternative Catalog Number	BYT-ORB429395-1,BYT-ORB429395-10,BYT-ORB429395-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human IL1 alpha protein...
Buffer	The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing 25mM Tris-HCl, pH 8.
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	SAPFSFLSNVKYNFMRIIKYEFILNDALNQSIIRANDQYLTAALHNLDEAV KFDMGAYKSSKDDAKITVILRISKTKLYVTAQDEDQPVLLKEMPEIPKTITG SETNLLFFWETHGTKNYFTSVAHPNLFIATKQDYWVCLAGGPPSITDFQILE NQA

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Interleukin 1 alpha 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 murine D10S cells is < 0.001 ng/ml, corresponding to a Specific Activity of 1 x 10⁹ 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 1.13 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-1 as a Reference Standard