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## Product Datasheet

### Human IL5 protein (Active) BYT-ORB358971

Article Name	Human IL5 protein (Active)
Biozol Catalog Number	BYT-ORB358971
Supplier Catalog Number	orb358971
Alternative Catalog Number	BYT-ORB358971-10,BYT-ORB358971-100,BYT-ORB358971-500
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human IL5 protein (Active) spans the amino acid sequence from region 20-134aa. Purity: > 98% as determined by SDS-PAGE and HPLC....
Molecular Weight	13.3 kDa
UniProt	<a href="#">P05113</a>
Buffer	Lyophilized from a 0.2 µm filtered 20mM PB, pH 7.5, 3 % trehalose, 0.1 % Tween-80
Source	Homo sapiens (Human)
Purity	> 98% as determined by SDS-PAGE and HPLC.
Form	Lyophilized powder
Sequence	M+IPTEIPTSALVKETLALLSTHRTLLIANETLRIPVPVHKNHQLCTEEIFQGIGTLESQTVQGGTVERLFFKNLSLIKKYIDGQKKKCGEERRRVNQFLDYLQEF LGVMNTEWIIES

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 0.1 ng/ml, corresponding to a specific activity of  $> 1.0 \times 10^7$  IU/mg. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference