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Product Datasheet

Chicken GH Protein BYT-ORB425701

Article Name	Chicken GH Protein
Biozol Catalog Number	BYT-ORB425701
Supplier Catalog Number	orb425701
Alternative Catalog Number	BYT-ORB425701-1, BYT-ORB425701-100, BYT-ORB425701-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of chicken GH protein...
Buffer	The protein was lyophilized from a concentrated (1mg/ml) solution with 0.3% NaHCO ₃ adjusted to pH 8.
Purity	Greater than 99.0% as determined by:(a) Analysis by SDS-PAGE gel.(b) Analysis by SEC-HPLC.
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 Ala-Thr-Phe-Pro-Ala

Application Notes

Solubility: It is recommended to reconstitute the lyophilized GH Chicken Recombinant in sterile water or 0.4% NaHCO₃ adjusted to pH 8-9, not less than 100µg/ml and not more than 3 mg/ml, which can then be further diluted to other aqueous solutions, preferably in presence of carrier protein. Biological Activity: GH Chicken Recombinant is fully biologically active in homologous assays and in PDF-P1 3B9 cells stably transfected with rabbit GH receptors.

Application Notes: Protein content: Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm using the absorbency value of 0.75 as the extinction coefficient for a 0.1% (1mg/ml) solution at pH 8.0 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 GH as a Reference Standard