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Product Datasheet

Fish GH Protein
BYT-ORB425700

Article Name	Fish GH Protein
Biozol Catalog Number	BYT-ORB425700
Supplier Catalog Number	orb425700
Alternative Catalog Number	BYT-ORB425700-1, BYT-ORB425700-10, BYT-ORB425700-50
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of fish GH protein...
Buffer	The GH Carp was lyophilized from a concentrated (1mg/ml) solution with 0.3% NaHCO ₃ adjusted to pH 8.
Purity	Greater than 95.0% as determined by:(a) Analysis by SEC-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 found to be Ser-Asp-Asn-Gln-Arg
Application Notes	<p>Solubility: It is recommended to reconstitute the lyophilized Growth Hormone Carp recombinant in sterile 18MO-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: Carp GH is biologically active in rat 3T3 F442A preadipocytes, though its activity is 15-fold lower compared to bovine GH, but it is equally potent in vivo in promoting carp growth (Fine et al.1993). Furthermore, carp GH forms 1:2 complex with the extra cellular domain of ovine growth hormone receptor.</p> <p>Application Notes: Cytokines And Growth Factors</p>