Bioactive

GH (Carp) Recombinant Protein

Catalog # P8723 Size 50 ug

Specification

Product Description	Carp GH recombinant protein expressed in *Escherichia coli*.
Host	Escherichia coli
Theoretical MW (kDa)	21.4
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by (a) SEC-HPLC.(b) SDS-PAGE.
Activity	Carp GH is biologically active in 3T3 F442A rat preadipocytes, although the activity is 15-fold lower compared to bovine GH. Carp GH forms a 1:2 complex with the extracellular domain of the ovine growth hormone receptor.
Storage Buffer	Protein (1 mg/mL) was lyophilized from a solution containing 0.3% $NaHCO_3$, pH 8.0. Reconstitute the lyophilized powder in ddH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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