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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GH (Chicken) Recombinant Protein

Entrez GeneID: 378781

Catalog Number: P8732

Gene Symbol: GH1

Regulation Status: For research use only (RUO)

Gene Alias: -

Product Description: Chicken GH recombinant protein with Ala tag in N-terminus expressed in *Escherichia coli*.

Host: *Escherichia coli*

Theoretical MW (kDa): 22.3

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 98% as determined by (a) SEC-HPLC.(b) SDS-PAGE.

Activity: Chicken GH did not bind to ovine GHR-ECD and was devoid of any biological activity in FDC-P1 3B9 cells. In binding experiments using chicken liver membranes, both ovine GH and chicken GH showed similar IC50 values in competition with 125I-ovine GH, while the IC50 of G119R mutein was 10 fold higher. These results emphasize the importance of species specificity and indicate the possibility of antagonistic activity of Chicken GH G119R in homologous system.

Storage Buffer: Protein (1 mg/mL) was lyophilized from a solution containing 0.3% NaHCO₃, pH 8. Reconstitute the lyophilized powder in 0.4% NaHCO₃ or ddH₂O to 100 ug/mL, pH 8-9.

Storage Instruction: Lyophilized protein at room temperature for 2 weeks, should be stored at -20°C. Protein aliquots at 4°C, pH 9 for 4 weeks 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.