Bioactive

GH1 (Bovine) Recombinant Protein

Catalog # P8720 Size 100 ug

Specification

Product Description	Bovine GH1 recombinant protein expressed in?*Escherichia coli*.
Sequence	AFPAMSLSGLFANAVLRAQHLHQLAADTFKEFERTYIPEGQRYSIQNTQVAFCFSETMPAPTGKN EAQQKSDLELLRISLLLIQSWLGPLQFLSRVFTNSLVFGTSDRVYEKLKDLEEGILALMRELEDGTP RRGQILKQTYDKFDTNMRSDDALLKNYGLLSCFRKDLHKTETYLRVMKCRRFGEASCAF
Host	Escherichia coli
Theoretical MW (kDa)	21.8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 98% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	The activity determined by the PDFP13B9 cells transfected with rabbit GH receptors. Bovine GH for ms a 1:2 complex with the recombinant ovine growth hormone receptor extracellular domain (ECD).
Storage Buffer	Protein (1 mg/mL) was lyophilized from a solution containing 4.5 mM $NaHCO_3$, pH 8-9. Reconstitute t he 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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Gene Info — GH

Entrez GeneID	280804
Protein Accession#	P01246
Gene Name	GH
Gene Alias	-
Gene Description	growth hormone
Gene Ontology	Hyperlink
Other Designations	growth hormone 1

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