

Growth Hormone Active Protein | pGH active protein

Recombinant Porcine Growth Hormone

CATALOG # AAA38548	HOST E Coli
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PRODUCT SYNONYMS

Growth Hormone; Recombinant Porcine Growth Hormone; GH Porcine; Growth Hormone Porcine Recombinant; GH1; GH; GHN; GH-N; hGH-N; Pituitary growth hormone; Growth hormone 1; Somatotropin; pST; pGH active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The Growth-hormone (1 mg/ml) was lyophilized after extensive dialyses against 0.34 mg sodium phosphate buffer (0.02 mg sodium phosphate monobasic & 0.32 mg sodium phosphate dibasic). Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obePhe-Pro -Ala-Met-P ro
Sequence Length	216
Solubility	It is recommended to reconstitute the lyophilized pST in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Somatotropin contains 3 units/mg.
Preparation and Storage	Lyophilized GH although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Somatotropin should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for pGH active protein	Description: Porcine-Somatotropin Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 190 amino acids and having a molecular mass of 21730 Dalton. Growth Hormone is purified by proprietary chromatographic techniques.
Product Categories/Family for pGH active protein	Cytokines and Growth Factors ; Growth Factors ; Growth Hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	134715
NCBI GeneID	396884
UniProt Accession #	P01248; Q28958; Q29045
Molecular Weight	24,429 Da
NCBI Official Full Name	Somatotropin
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH

NCBI Protein Information	somatotropin
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Entry Name	SOMA_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-pgh-active-protein/growth-hormone/38548>