

Native Growth Hormone (GH)

Cat. No. GH1-8147H Lot. No. (See product label)

SPECIFICATION

Product Overview	Growth Hormone (GH) was purified from Human Pituitary Gland.
Species	Human
Source	Human Pituitary Gland
Description	Growth hormone (GH), also known as somatotropin is a protein-based peptide hormone. Growth Hormone stimulates growth, cell reproduction and regeneration animals and human.
Form	Lyophilized from 50mM Ammonium Bicarbonate
Molecular Mass	22 kDa
Purity	>95% pure by SDS-PAGE
Stability	2 years
Storage	2-8 °C

GENE INFORMATION

Gene Name	GH1 growth hormone 1 [Homo sapiens]
Official Symbol	GH1

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Synonyms	GH1; growth hormone 1; somatotropin; GH; GH N; GHN; hGH N; pituitary growth hormone; GH-N; hGH-N; IGHD1B;
Gene ID	2688
mRNA Refseq	NM_000515
Protein Refseq	NP_000506
MIM	139250
UniProt ID	P01241
Chromosome Location	17q22-q24
Pathway	Adipogenesis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem;
Function	growth factor activity; growth hormone receptor binding; growth hormone receptor binding; hormone activity; metal ion binding; prolactin receptor binding; protein binding;

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