

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 somatropin 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;