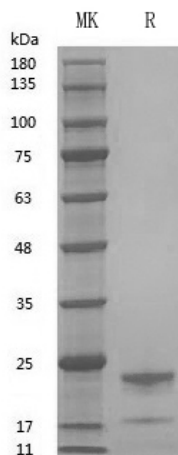


Summary

| | |
|------------------------------|---|
| Name | GH |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | ≤10 EU/mg |
| Construction | Recombinant Human GH is produced by our Mammalian cell expression system and the target gene encoding Phe27-Phe217 is expressed. |
| Accession # | P01241 |
| Tag | Tag free |
| Host | Mammalian cell |
| Species | Human |
| Predicted MW | 22 kDa |
| Form | Lyophilized |
| Buffer | 10 mM PB, pH 7.4 |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

SDS-PAGE image

Product Name: GMP Recombinant Human GH
Catalog#: PCH90054



Background

Alternative Names

GH1;Somatotropin;Growth hormone;GH;GH-N;Growth hormone 1;Pituitary growth hormone

References

Growth hormone (GH or GH-N) is also known as Somatotropin, Pituitary growth hormone. GH belongs to the somatotropin/prolactin family. Growth hormone (GH) may form monomer, dimer, trimer, tetramer and pentamer, by disulfide-linked or non-covalently associated, in homopolymeric and heteropolymeric combinations. GH can also form a complex either with GHBP or with the alpha2-macroglobulin complex. Growth hormone (GH) plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Note

For research use only .