

Human Growth Hormone Recombinant Protein



RPPB0329

Product Information Protein Information

Product SKU:

RPPB0329

Accession:

P01241

Host:

HEK.

Protein description:

Growth Hormone Human Recombinant produced in HEK cells is a non-glycosylated monomer, having a total molecular weight of 22kDa. The GH is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

GH1, GH, GHN, GH-N, hGH-N, Pituitary growth hormone, Growth hormone 1, Somatotropin.

Formulation:

The GH was lyophilized from 1mg/ml in 1xPBS.

Purity:

Greater than 95% as observed by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GH in sterile 1xPBS containing 0.1% endotoxin-free recombinant HSA.

Stability:

Lyophilized GH although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GH should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The activity was determined by the dose dependent stimulation of the proliferation of rat lymphoma line Nb2-11 cells (prolactin indicator cell line), the ED50 is <2ng/ml.