

Recombinant Growth Hormone (GH)

Catalog No.: TP09177

50µg

Sequence Information

Species: Bovine

Gene ID:280804

Swiss Prot:P01246

Synonyms:GH1; GH-N; GHN; hGH-N;

Somatotropin; Hygetropin; Jintropin;

Kigtropin; Pituitary Growth Hormone;

Growth Hormone, Normal

Residues:Ala27~Phe217

AFPAMSLSGLFANAVLRAQHLHQLAADTFKEFERTYIPEGQRYSIQNTQVAFCF

SETIPAPTGKNEAQQKSDLELLLRISLLLIQSWLGPLQLFSRVFTNSLVFGTSDR

VYEKLKDLEEGILALMRELEDGTPRAGQILKQTYDKFDTNMRSDDALLKNYGLL

SCFRKDLHKTETYL RVMKCRRFGEASCAF

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted

Purity: >99.5%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.9

Predicted Molecular Mass: 25.4kDa

Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.