# Growth Hormone (GH) Recombinant Protein | GH recombinant protein

Eukaryotic Growth Hormone (GH)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA152135** | **293F cell** | **Western Blot, SDS-Page** |

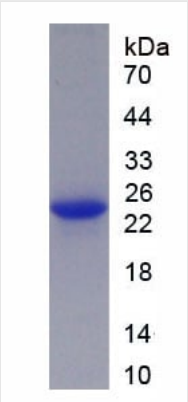
## PRODUCT SYNONYMS

Growth Hormone (GH); Eukaryotic Growth Hormone (GH); GH/Growth Hormone; GH1; GH-N; GHN; hGH-N; Somatotropin; Hygetropin; Jintropin; Kigtropin; Pituitary Growth Hormone; Growth Hormone; Normal; GH recombinant protein

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | 293F cell |
| **Purity/Purification** | Greater than 95% by SDS-PAGE |
| **Form/Format** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.<br>Freeze-dried powder |
| **Sequence** | Phe27~Phe2 16 |
| **Applicable Applications for GH recombinant protein** | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control |
| **Expression System** | Eukaryotic expression |
| **Species** | Mouse |
| **Isoelectric Point** | 6.8 |
| **Tag** | N-terminal His Tag |
| **Endotoxin Level** | <1.0EU per 1ug (determined by the LAL method) |
| **Reconstitution** | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex. |
| **Subcellular Location** | Secreted |
| **Preparation and Storage** | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

## IMAGES




**SDS-PAGE**
SDS-PAGE

**Sequence**

FPAMPLSSLFSNAVLRAQHLHQLAADTYKEFERAYIPEGQRYSIQNAQAAFCFSETIPAPTGKEEAQQRTDMELLRFSLLLIQSWLGP
VQFLSRIFTNSLMFGTSDRVYEKLKDLEEGIQALMQELEDGSPRVGQILKQTYDKFDANMRSDDALLKNYGLLSCFKKDLHKAETYLR
VMKCRRFVESSCAF

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Product Categories/Family for GH recombinant protein** | Endocrinology; Neuro science; Hormone metabolism; Eukaryotic Recombinant proteins/EP |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 6679997 |
| **NCBI GeneID** | 14599 |
| **NCBI Accession #** | NP_032143.1 |
| **NCBI GenBank Nucleotide #** | NM_008117.3 |
| **UniProt Accession #** | P06880; Q544X1 |
| **NCBI Official Full Name** | somatotropin |
| **NCBI Official Synonym Full Names** | growth hormone |
| **NCBI Official Symbol** | Gh |
| **NCBI Official Synonym Symbols** | Gh1 |
| **NCBI Protein Information** | somatotropin |
| **UniProt Protein Name** | Somatotropin |
| **UniProt Gene Name** | **Gh1** |
| **UniProt Synonym Gene Names** | Gh |
| **UniProt Entry Name** | SOMA_MOUSE |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/gh1-recombinant-protein-293f-cell-wb-western-blot-sds-page-immunogen-positive-control/152135