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Human CellExp HGH, Human recombinant protein
Human Cellexp Human Recombinant HGH
Catalog # PBV10689r

Specification

Human CellExp HGH, Human recombinant protein - Product info

Primary Accession	P01241
Calculated MW	**22 kDa, monomer, non-glycosylated KDa**

Human CellExp HGH, Human recombinant protein - Additional Info

Gene ID	**2688**
Gene Symbol	**GH1**

Other Names
Human Growth Hormone, GH1, GH, GHN, GH-N, hGH-N, Pituitary growth hormone, Growth hormone 1, Somatotropin.

Gene Source	**Human**
Source	**Human 293 cell expressed**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**0.4 to 2 ng/ml**

Application Notes
Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

Format
Lyophilized

Storage
-80°C; Lyophilized from a TBS solution.

Human CellExp HGH, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp HGH, Human recombinant protein - Images

Human CellExp HGH, Human recombinant protein - Background

HGH is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. HGH can promote bone and cartilage growth as well as increase protein synthesis through liver somatomedin and tissue polypeptide growth factor, correct the post-traumatic state of negative nitrogen and hypoproteinemia induced by severe infection and cirrhosis; stimulate immunoglobulin synthesis, stimulate the proliferation of lymphoid tissue, macrophages and lymphocyte, and accelerate wound healing; promote myocardial protein synthesis, increase myocardial contractility and reduce myocardial oxygen consumption; regulating fat metabolism, reducing serum cholesterol, low - density lipoprotein level.

Human CellExp HGH, Human recombinant protein - References

Roskam W.,et al.Nucleic Acids Res. 7:305-320(1979).
Martial J.A.,et al.Science 205:602-607(1979).
Denoto F.M.,et al.Nucleic Acids Res. 9:3719-3730(1981).
Seeburg P.H.,et al.DNA 1:239-249(1982).
Chen E.Y.,et al.Genomics 4:479-497(1989).