

Growth Hormone Recombinant Protein | GH1 recombinant protein

Growth Hormone Protein, Human, Recombinant (His Tag)

CATALOG #
AAA257448

HOST
E Coli

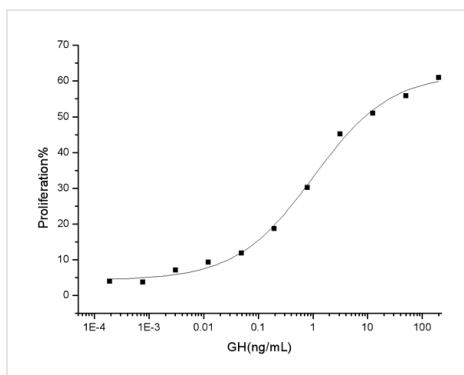
PRODUCT SYNONYMS

Growth Hormone; Growth Hormone Protein; Human; Recombinant (His Tag); Human GH1/Growth hormone 1 Protein (His Tag); growth hormone 1; GH Protein; GH-N Protein; GH1 Protein; GHB5 Protein; GHN Protein; Growth hormone 1 Protein; hGH-N Protein; IGHD1B Protein; GH1 recombinant protein

PRODUCT SPECIFICATIONS

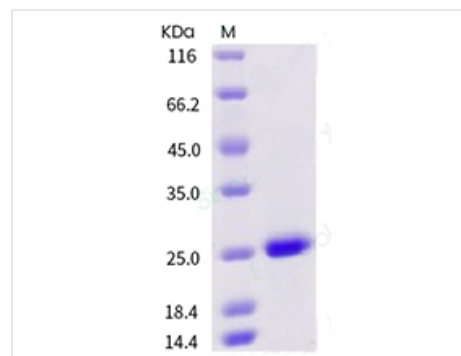
Host	E Coli
Purity/Purification	>85 % as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	212aa
Sequence	Phe27-Phe217
Species	Human
Tag	N-His
Predicted N Terminal	Pro
Protein Construction	JA DNA sequence encoding the human GH1 (P01241) (Phe27-Phe217) was expressed with a polyhistidine tag at the N-terminus
Activity	Measured by its ability to promote proliferation of INS-1 cells. The ED50 for this effect is typically 0.3-1.6ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack

IMAGES



Application Data

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Application Data

ADDITIONAL INFORMATION

Product Categories/Family for GH1 recombinant protein	Neurotransmitter Associated Enzymes
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134703
NCBI GeneID	2688
UniProt Accession #	P01241; Q14405; Q16631; Q5EB53; Q9HBZ1; Q9UMJ7; Q9UNL5; A6NEF6
Molecular Weight	217
NCBI Official Full Name	Somatotropin
NCBI Official Synonym Full Names	growth hormone 1
NCBI Official Symbol	GH1
NCBI Official Synonym Symbols	GH; GHN; GH-N; hGH-N; IGHD1B
NCBI Protein Information	somatotropin; pituitary growth hormone
UniProt Protein Name	Somatotropin
UniProt Gene Name	GH1
UniProt Synonym Gene Names	GH; GH-N
UniProt Entry Name	SOMA_HUMAN

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.