Somatotropin (gh) Siganus Guttatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Somatotropin (gh), Recombinant Protein
Full Product Name	Recombinant Siganus guttatus Somatotropin (gh)
Product Gene Name	gh recombinant protein
Product Synonym Names	Somatotropin; Growth hormone
Sequence	QP MTDSQRFSIA VSRIHYLHQV AQRSFFTFES SLSAEDQRQL NKIFLQDSCN SDYIRSPIDK HETQRSSVMK LLSISYRLVE SWEYPSRALI GGSTNQISNK LSELKLGIRL LMEANQDGAE IFPESSAFQL DYQSLGTDDP RQMYELLACF KKDMHKVETY LTVAKCRLSP EANCTL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	22,325 Da
Sequence Positions	19-196aa; full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9IBE5
Species	Siganus guttatus (Goldlined spinefoot) (Chaetodon guttatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gh recombinant protein	MBS1281877 is a recombinant protein targeting gh. Also known as Recombinant Siganus guttatus Somatotropin (gh). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gh recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for gh. It may not necessarily be applicable to this product.

NCBI GI #	17369043
NCBI Accession #	Q9IBE5.1
UniProt Primary Accession #	Q9IBE5
NCBI Official Full Name	Somatotropin
UniProt Protein Name	Somatotropin
UniProt Synonym Protein Names	Growth hormone

Protein Family	Envelope glycoprotein
UniProt Gene Name	gh
UniProt Entry Name	SOMA_SIGGU
UniProt Comments for gh	Growth hormone plays an important role in growth control and is involved in the regulation of several anabolic processes. Implicated as an osmoregulatory substance important for seawater adaptation.
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