Hemoglobin Subunit Gamma (HBG) Trichechus Manatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit gamma (HBG), Recombinant Protein
Full Product Name	Recombinant Trichechus manatus Hemoglobin subunit gamma (HBG)
Product Gene Name	HBG recombinant protein
Product Synonym Gene Name	HBG
Sequence	VDFTAEEKAA ITRLWGKMNV EEAGGKALGR LLIVYPWTQR FFDNFGNLSS ASAIMGNPKV KAHGKKVLNS FGDAVKNPDN LKGTFAKLSE LHCDKLLVDS ENFRLLGNVL VIVLANHFGK EFTPQVQAAW QKMATGVASA VARKYH
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	16,164 Da
Sequence Positions	2-147, 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 Q45XH6
Species	Trichechus manatus (Caribbean manatee) (West Indian manatee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HBG recombinant protein	MBS1306950 is a recombinant protein targeting HBG. Also known as Recombinant Trichechus manatus Hemoglobin subunit gamma (HBG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HBG 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 HBG. It may not necessarily be applicable to this product.

NCBI GI #	78098994
NCBI Accession #	Q45XH6.3
UniProt Primary Accession #	Q45XH6
NCBI Official Full Name	Hemoglobin subunit gamma
UniProt Protein Name	Hemoglobin subunit gamma
UniProt Synonym Protein Names	Gamma-globin; Hemoglobin gamma chain

Protein Family	Hemoglobin
UniProt Gene Name	HBG
UniProt Comments for HBG	Gamma chains make up the fetal hemoglobin F, in combination with alpha chains.
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