Hemoglobin Subunit Beta-1 (hbb1) Gadus Morhua Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit beta-1 (hbb1), Recombinant Protein
Full Product Name	Recombinant Gadus morhua Hemoglobin subunit beta-1 (hbb1)
Product Gene Name	hbb1 recombinant protein
Sequence	VEWTAAERRH VEAVWSKIDI DVCGPLALQR CLIVYPWTQR YFGEFGDLST DAAIVGNPKV AAHGVVALTG LRTALDHMDE IKSTYAALSV LHSEKLHVDP DNFRLLCECL TIVVAGKMGK KLSPEMQAAW QKYLCAVVSA LGRQYH
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	16,326 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 P84610
Species	Gadus morhua (Atlantic cod)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hbb1 recombinant protein	MBS1238742 is a recombinant protein targeting hbb1. Also known as Recombinant Gadus morhua Hemoglobin subunit beta-1 (hbb1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hbb1 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 hbb1. It may not necessarily be applicable to this product.

NCBI GI #	110808545
NCBI Accession #	P84610.2
UniProt Primary Accession #	P84610
NCBI Official Full Name	Hemoglobin subunit beta-1
UniProt Protein Name	Hemoglobin subunit beta-1
UniProt Synonym Protein Names	Beta-1-globin; Hemoglobin beta-1 chain
UniProt Gene Name	hbb1

UniProt Comments for hbb1	Involved in oxygen transport from gills to the various peripheral tissues.
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