Hemoglobin Subunit Beta (HBB) Arctocephalus Galapagoensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit beta (HBB), Recombinant Protein
Full Product Name	Recombinant Arctocephalus galapagoensis Hemoglobin subunit beta (HBB)
Product Gene Name	HBB recombinant protein
Sequence	VHLTADEKAA VTALWGKVNV DEVGGEALGR LLVVYPWTQR FFDSFGDLSS PDAVMGNPKV KAHGKKVLNS FSDGLKNLDN LKGTFAKLSE LHCDKLHVDP ENFKLLGNVL VCVLAHHFGK EFTPQVQAAY QKVVAGVANA LAHKYH
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	15,920 Da
Sequence Positions	1-146, 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 P68047
Species	Arctocephalus galapagoensis (Galapagoes fur seal) (Arctocephalus australis galapagoensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HBB recombinant protein	MBS1020928 is a recombinant protein targeting HBB. Also known as Recombinant Arctocephalus galapagoensis Hemoglobin subunit beta (HBB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HBB 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 HBB. It may not necessarily be applicable to this product.

NCBI GI #	62901533
NCBI Accession #	P68047.1
UniProt Primary Accession #	P68047
UniProt Secondary Accession #	P10779
NCBI Official Full Name	Hemoglobin subunit beta
UniProt Protein Name	Hemoglobin subunit beta
UniProt Synonym Protein Names	Beta-globin; Hemoglobin beta chain

Protein Family	DNA-binding protein
UniProt Gene Name	HBB
UniProt Comments for HBB	Involved in oxygen transport from the lung to the various peripheral tissues.
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