Hemoglobin Subunit Beta-0 (hbb0) Pagothenia Borchgrevinki Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit beta-0 (hbb0), Recombinant Protein
Full Product Name	Recombinant Pagothenia borchgrevinki Hemoglobin subunit beta-0 (hbb0)
Product Gene Name	hbb0 recombinant protein
Sequence	VEWTDFERAT IKDIFSKLEY DVVGPATLAR CLVVYPWTQR YFAKFGNLYT ATAIAENAMV SKHGITILHG LDRAVKNMDD IKNTYAELSV LHSEKLHVDP DNFKLLADCL TIVVAARFGS AFTGEVQAAF EKFMAVVVSS 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	16,364 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 P82345
Species	Pagothenia borchgrevinki (Bald rockcod) (Trematomus borchgrevinki)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hbb0 recombinant protein	MBS1217942 is a recombinant protein targeting hbb0. Also known as Recombinant Pagothenia borchgrevinki Hemoglobin subunit beta-0 (hbb0). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hbb0 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 hbb0. It may not necessarily be applicable to this product.

NCBI GI #	17366387
NCBI Accession #	P82345.1
UniProt Primary Accession #	P82345
NCBI Official Full Name	Hemoglobin subunit beta-0
UniProt Protein Name	Hemoglobin subunit beta-0
UniProt Synonym Protein Names	Beta-0-globin; Hb 0; Hemoglobin beta-0 chain
Protein Family	Hemoglobin

UniProt Gene Name	hbb0
UniProt Comments for hbb0	Involved in oxygen transport from gills to the various peripheral tissues.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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