Hemoglobin Subunit Alpha-2 (LOC102398760) Bubalus Bubalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit alpha-2 (LOC102398760), Recombinant Protein
Full Product Name	Recombinant Bubalus bubalis Hemoglobin subunit alpha-2
Product Gene Name	LOC102398760 recombinant protein
Sequence	VLSAADKSNI QAAWGKVGGH AADYGAEALE RMFLSFPTTK TYFPHFDLSH GSAQVKGHGA KVANALTKAV GHLDDLPGAL SELSDLHAHK LRVDPVNFKL LSHSLLVTLA SHLPNDFTPA VHASLDKFLA SVSTVLTSKY R
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	15,185 Da
Sequence Positions	2-142, 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 Q9TSN8
Species	Bubalus bubalis (Domestic water buffalo)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC102398760 recombinant protein	MBS1343921 is a recombinant protein targeting LOC102398760. Also known as Recombinant Bubalus bubalis Hemoglobin subunit alpha-2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC102398760 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 LOC102398760. It may not necessarily be applicable to this product.

NCBI GI #	594051377
NCBI GeneID	102398760
NCBI Accession #	XP_006050022.1
UniProt Primary Accession #	Q9TSN8
UniProt Related Accession #	Q9TSN8
GenBank Nucleotide #	XM_006049960.1
NCBI Official Full Name	hemoglobin subunit alpha-2-like

NCBI Official Symbol	LOC102398760
NCBI Official Synonym Symbols	Ialpha2
UniProt Protein Name	Hemoglobin subunit alpha-2
UniProt Synonym Protein Names	Alpha-2-globin; Hemoglobin alpha-2 chain; Ialpha2
Protein Family	Hemoglobin
NCBI Protein Information	hemoglobin subunit alpha-2-like
UniProt Comments for LOC102398760	Involved in oxygen transport from the lung 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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