Hemoglobin Subunit Epsilon (HBE1) Cebuella Pygmaea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemoglobin subunit epsilon (HBE1), Recombinant Protein
Full Product Name	Recombinant Cebuella pygmaea Hemoglobin subunit epsilon (HBE1)
Product Gene Name	HBE1 recombinant protein
Sequence	VHFTAEEKAA ITSLWGKMNV EEAGGEALGR LLVVYPWTQR FFDNFGNLSS PSAILGNPKV KAHGKKVLTS FGDAIKNMDN LKTTFAKLSE LHCDKLHVDP ENFRLLGNVL VIILATHFGK EFTPEVQAAW QKLVSAVAIA LGHKYH
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	16,244 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 P68027
Species	Cebuella pygmaea (Pygmy marmoset) (Callithrix pygmaea)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HBE1 recombinant protein	MBS1128892 is a recombinant protein targeting HBE1. Also known as Recombinant Cebuella pygmaea Hemoglobin subunit epsilon (HBE1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HBE1 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 HBE1. It may not necessarily be applicable to this product.

NCBI GI #	54037269
NCBI Accession #	P68027.2
UniProt Primary Accession #	P68027
UniProt Secondary Accession #	P51439
NCBI Official Full Name	Hemoglobin subunit epsilon
UniProt Protein Name	Hemoglobin subunit epsilon
UniProt Synonym Protein Names	Epsilon-globin; Hemoglobin epsilon chain

Protein Family	Hemoglobin
UniProt Gene Name	HBE1
UniProt Comments for HBE1	The epsilon chain is a beta-type chain of early mammalian embryonic hemoglobin.
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