Hemoglobin subunit beta (HBB) Recombinant Protein | HBB recombinant protein

Recombinant Pig Hemoglobin subunit beta (HBB)

CATALOG #	HOST
AAA114012	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Hemoglobin subunit beta (HBB); Recombinant Pig Hemoglobin subunit beta (HBB); HBB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-147aa; Full Length of Mature Protein
Sequence	VHLSAEEKEA VLGLWGKVNV DEVGGEALGR LLVVYPWTQR FFESFGDLSN ADAVMGNPKV KAHGKKVLQS FSDGLKHLDN LKGTFAKLSE LHCDQLHVDP ENFRLLGNVI VVVLARRLGH DFNPNVQAAF QKVVAGVANA LAHKYH
Species	Sus scrofa (Pig)
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.

ADDITIONAL INFORMATION

Related Product Information for HBB recombinant protein	The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult hemoglobin, Hb A. The normal adult hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta-zero-thalassemia. Reduced amounts of detectable beta globin causes beta-plus-thalassemia. The order of the genes in the beta-globin cluster is 5 -epsilon -- gamma-G -- gamma-A -- delta -- beta--3 .

NCBI AND UNIPROT INFORMATION

NCBI GI #	261245058
NCBI GeneID	407066
NCBI Accession #	NP_001138313.1
NCBI GenBank Nucleotide #	NM_001144841.1
UniProt Accession #	P02067; Q29025
Molecular Weight	16,166 Da
NCBI Official Full Name	hemoglobin subunit beta
NCBI Official Symbol	HBB
NCBI Protein Information	hemoglobin subunit beta
UniProt Protein Name	Hemoglobin subunit beta
UniProt Gene Name	**HBB**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/hbb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114012