

Hemoglobin-Zeta Recombinant Protein | mHBZ recombinant protein

Recombinant Mouse Hemoglobin-Zeta

CATALOG #
AAA38048

HOST
E Coli

PRODUCT SYNONYMS

Hemoglobin-Zeta; Recombinant Mouse Hemoglobin-Zeta; Hemoglobin-Zeta Mouse Recombinant; Hemoglobin subunit zeta; Hba-x; Hbz1; AI450015; Alpha-like embryonic globin chain x; Zeta-globin; HBZ Mouse; mHBZ recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered clear colorless solution. Protein solution (0.25mg/ml) containing 20mM MES(pH6.0), 0.1M NaCl and 10% glycerol.
Sequence	MGSSHHHHHH SSSLVPRGSH MSLMKNERAI IMSMWEKMAA QAEPGTETL ERLFCSYPQT KTYFPHFDLH HGSQQLRAHG FKIMTAVGDA VKSIDNLSSA LTKLSELHAY ILRVDPVNFK LLSHCLLVTM AARFPADFTP EVHEAWDKFM SILSSILTEK YR.
Sequence Length	142
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mHBZ recombinant protein	Description: HBZ Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 162 amino acids (1-142 a.a) and having a molecular mass of 18.3kDa. HBZ is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introductions: Hemoglobin Subunit Zeta (Hbz) or Hba-x is a alpha-like hemoglobin and part of the globin family. The protein is expressed and produced in the the yolk sac in early stages of embryonic development. Hemoglobin subunit zeta has 2 pseudogenes and 5 functional genes.
Product Categories/Family for mHBZ recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	122336
NCBI GeneID	15126
UniProt Accession #	P06467 ; Q61654
Molecular Weight	16,235 Da
NCBI Official Full Name	Hemoglobin subunit zeta
NCBI Official Synonym Full Names	hemoglobin X, alpha-like embryonic chain in Hba complex
NCBI Official Symbol	Hba-x

NCBI Official Synonym Symbols	Hbz; AI450015
NCBI Protein Information	hemoglobin subunit zeta
UniProt Protein Name	Hemoglobin subunit zeta
UniProt Gene Name	Hbz
UniProt Synonym Gene Names	Hba-x; Hbz1

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://www.aaabiotech.com/hbz-recombinant-protein-e-coli/38048>