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Recombinant Human Hemoglobin subunit zeta/HBAZ Protein

Catalog No.: RP03185LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3050	P02008

Tags
N-His

Synonyms
Hemoglobin Subunit Zeta; HBAZ; Hemoglobin Zeta Chain; Zeta-Globin; HBZ; HBZ2

Product Information

Source	Purification
E.coli	≥ 90% as determined by Bis-Tris PAGE.

Calculated MW	Observed MW
16.46 kDa	

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM DTT, 10% Glycerol, pH 8.0.

Reconstitution

Background

Hemoglobin Subunit Zeta (HBZ) is a member of the Globin family. The zeta chain is an alpha-type chain of mammalian embryonic Hemoglobin that is synthesized primarily in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal growth and adult life. The HBZ gene consists of five functional genes and two pseudogenes, the order of genes is 5-zeta-pseudozeta-mu-pseudoalpha-1-alpha-2-alpha-1-theta-1-3.

Basic Information

Description
Recombinant Human Hemoglobin subunit zeta/HBAZ Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Arg142) of Human Hemoglobin subunit zeta/HBAZ (Accession #P02008) fused with His tag at the N-terminus.

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃. This product is stable at ≤ -70℃ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.
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Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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