Recombinant Human Hemoglobin subunit zeta /HBAZ Protein

Catalog No.: RP03185LQ

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Sequence Information

Species
Human

Gene ID
3050

Swiss Prot
P02008

Tags
N-His

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

Product Information

Source
E.coli

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

Calculated MWObserved 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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data

No validation data available.