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Datasheet for ABIN7318570 HBZ Protein (His tag)

Overview

Quantity:	50 µg
Target:	HBZ
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HBZ protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HBAZ Protein (His Tag)
Sequence:	Met 1-Arg142
Characteristics:	Recombinant Human Hemoglobin Subunit Zeta is produced by our E.coli expression system and the target gene encoding Met1-Arg142 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HBZ
Alternative Name:	HBAZ (HBZ Products)
Background:	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

Target Details

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.

Synonym: Hemoglobin Subunit Zeta, HBAZ, Hemoglobin Zeta Chain, Zeta-Globin, HBZ, HBZ2

Molecular Weight: 17.8 kDa

UniProt: [P02008](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 2 mM DTT, 10 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
