

Recombinant Human HBAZ Protein (His Tag)

Catalog No. PKSH032531

Note: Centrifuge before opening to ensure complete recovery of vial contents.

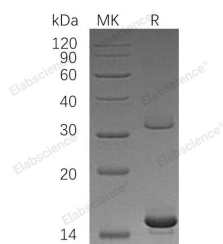
Description

Synonyms	Hemoglobin Subunit Zeta;HBAZ;Hemoglobin Zeta Chain;Zeta-Globin;HBZ;HBZ2
Species	Human
Expression Host	E.coli
Sequence	Met 1-Arg142
Accession	P02008
Calculated Molecular Weight	17.8 kDa
Observed molecular weight	15 kDa
Tag	N-His
Bioactivity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM DTT, 10% Glycerol, pH 8.0.
Reconstitution	Not Applicable

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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