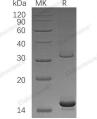
Recombinant Human HBAZ Protein (His Tag)

Catalog Number: 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
Properties	
Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at $< -20^{\circ}$ 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 $< -20^{\circ}$ C.
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM DTT, 10% Glycerol, pH 8.0.
Reconstitution	Not Applicable
Data	
kDa MK	R
120 90	



> 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.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com