

Product Name: Recombinant Human HBAZ (N-6His)
Catalog #: PEH0773

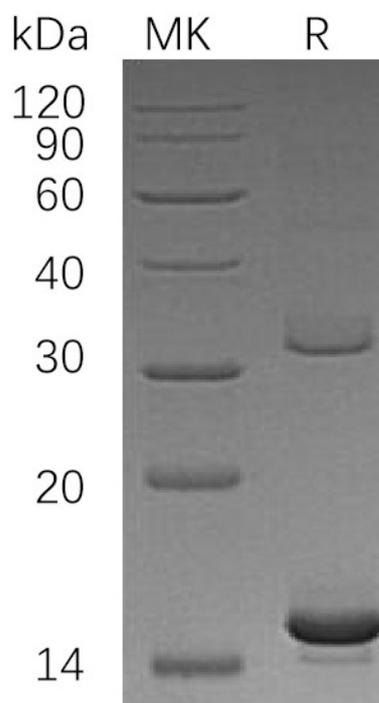


Summary

Name	HBAZ/HBZ2/Hemoglobin subunit zeta
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P02008
Host	E.coli
Species	Human
Predicted Molecular Mass	17.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM DTT, 10% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.