

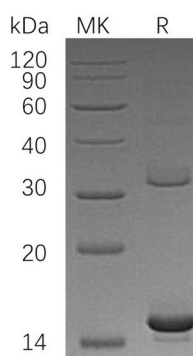
**Product Name: Recombinant Human HBAZ (N-6His)**  
**Catalog #: PEH0773**



## 概述 (Summary)

|                             |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | HBAZ/HBZ2/Hemoglobin subunit zeta                                                                                                                                              |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                            |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                            |
| 蛋白构建 (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                                                                                                                                                                         |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                |
| 表达宿主 (Host)                 | E.coli                                                                                                                                                                         |
| 种属 (Species)                | Human                                                                                                                                                                          |
| 预测分子量 (Predicted MW)        | 17.8 KDa                                                                                                                                                                       |
| 蛋白形态 (Form)                 | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM DTT, 10% Glycerol, pH 8.0.                                                                            |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                |
| 运输方式 (Shipping)             | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.                                                             |
| 稳定性&储存 (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.           |
| 复溶 (Reconstitution)         |                                                                                                                                                                                |

## 电泳图 (SDS-PAGE image)



## 背景 (Background)

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**分子别名 (Alternative Names)**

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

**背景介绍 (References)**

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.

**注意事项 (Note)**

For Research Use Only , Not for Diagnostic Use.