

Recombinant Human HBZ protein, C-Myc/DDK tagged

Cat. No. HBZ-4892HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human hemoglobin, zeta (HBZ) with C-terminal MYC/DDK tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
Protein Length	Full Length
Description	Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'. [provided by RefSeq, Nov 2009]
Molecular Mass	15.5 kDa
AA Sequence	MSLTKTERTIIVSMWAKISTQADTIGTETLERLFLSHPQTKTYFPHFDLHPGSAQLRA HGSKVVAAVGDAVKSIDDIGGALSKLSELHAYILRVDPVNFKLLSHCLLVTLAARFPA DFTAEAHAAWDKFLSVSVSVLTEKYRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may

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experience some loss of protein during the filtration process.

Stability

Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage

Store at -80 centigrade.

Concentration

> 0.05 µg/µL as determined by microplate BCA method

Storage Buffer

25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

GENE INFORMATION

Gene Name

HBZ hemoglobin, zeta [Homo sapiens (human)]

Official Symbol

HBZ

Synonyms

HBZ; hemoglobin, zeta; hemoglobin subunit zeta; HBAZ; zeta-globin; hemoglobin zeta chain

Gene ID

3050

mRNA Refseq

NM_005332

Protein Refseq

NP_005323

MIM

142310

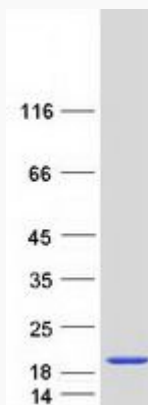
UniProt ID

P02008

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SDS-PAGE

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