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
ProteinLength	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 DFTAEAHAAWDKFLSVVSSVLTEKYRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

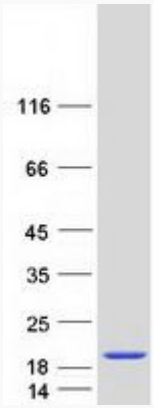
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	experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
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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