Recombinant Full Length Human HBZ Protein, GST-tagged

Cat. No. HBZ-3502HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HBZ full-length ORF (AAH27892, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	142 amino acids
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 like. 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
Molecular Mass	41.36 kDa
AA Sequence	MSLTKTERTIIVSMWAKISTQADTIGTETLERLFLSHPQTKTYFPHFDLHPGSAQLRA HGSKVVAAVGDAVKSIDDIGGALSKLSELHAYILRVDPVNFKLLSHCLLVTLAARFPA DFTAEAHAAWDKFLSVVSSVLTEKYR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HBZ hemoglobin, zeta [Homo sapiens]
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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