

# Recombinant Full Length Human HBZ Protein, GST-tagged

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

## SPECIFICATION

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

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**Protein Array**

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

**GENE INFORMATION**

<b>Gene Name</b>	HBZ hemoglobin, zeta [ Homo sapiens ]
<b>Official Symbol</b>	HBZ
<b>Synonyms</b>	HBZ; hemoglobin, zeta; hemoglobin subunit zeta; HBAZ; zeta-globin; hemoglobin zeta chain;
<b>Gene ID</b>	3050
<b>mRNA Refseq</b>	NM_005332
<b>Protein Refseq</b>	NP_005323
<b>MIM</b>	142310
<b>UniProt ID</b>	P02008

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