

Recombinant Human HBZ protein, GST-tagged

Cat. No. HBZ-3023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBZ protein(P02008)(1-142aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-142aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.5 kDa
AA Sequence	SLTKTERTIIVSMWAKISTQADTIGTETLERLFLSHPQTKTYFPDFLHPGSAQLRAH GSKVVAAVGDAVKSIDDIGGALSKLSELHAYILRVDPVNFKLLSHCLLVTLAARFPADF TAEAHAAWDKFLSVVSSVLTEKYR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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