

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	SLTKTERTIIVSMWAKISTQADTIGTETLERLFLSHPQTKTYFPHFDLHPGSAQLRAH 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](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA