

## 32-3943: HBZ Recombinant Protein

**Alternative Name :** Zeta-globin,HBAZ,HBZ2,Hemoglobin subunit zeta,Hemoglobin zeta chain, HBZ.

### Description

Source : Escherichia Coli. HBZ Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 150 amino acids (1-142 a.a.) and having a molecular mass of 16.7 kDa. The HBZ is fused to an 8 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques. Hemoglobin subunit zeta (HBZ) is part of the globin family. Hemoglobin Zeta is alpha-like hemoglobin. The HBZ polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The HBZ solution contains 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl and 20% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MSLTKTERTI IVSMWAKIST QADTIGTETL ERLFLSHPQT KTYFPHFDLH PGSAQLRAHG SKVVAAVGDA VKSIDDIGGA LSKLSELHAY ILRVDPVNFK LLSHCLLVTL AARFPADFTA EAHAAWDKFL SVVSSVLTEK YRLEHHHHHH.