

## 32-13255: HBZ Mouse

**Alternative Name :** Hemoglobin subunit zeta, Hba-x, Hbz1, AI450015, Alpha-like embryonic globin chain x, Zeta-globin.

### Description

Source: Escherichia Coli.

Sterile Filtered clear colorless solution.

Hemoglobin Subunit Zeta (Hbz) or Hba-x is a alpha-like hemoglobin and part of the globin family. The protein is expressed and produced in the the yolk sac in early stages of embryonic development. Hemoglobin subunit zeta has 2 pseudogenes and 5 functional genes.

HBZ Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 162 amino acids (1-142 a.a) and having a molecular mass of 18.3kDa.HBZ is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** HBZ protein solution (0.25mg/ml) containing 20mM MES(pH6.0), 0.1M NaCl and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MSLMKNERAI IMSMWEKMAA QAEPGTETL ERLFCSYPQT KTYFPHFDLH  
HGSQQLRAHG FKIMTAVGDA VKSIDNLSSA LTKLSELHAY ILRVDPVNFK LLSHCLLVTM AARFPADFTP  
EVHEAWDKFM SILSSILTEK YR.