9051 Mira Mesa Blvd, #910094
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HBZ Mouse

Hemoglobin-Zeta Mouse Recombinant
RCP1001

Product Overview

Name	HBZ Mouse
Description	
Hemoglobin-Zeta Mouse Recombinant	
Accession (Primary)	P06467
Synonyms	
Hemoglobin subunit zeta, Hba-x, Hbz1, AI450015, Alpha-like embryonic globin chain x, Zeta-globin.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear colorless solution.	
Formulation	
HBZ protein solution (0.25mg/ml) containing 20mM MES(pH6.0), 0.1M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSLMKNERAI IMSMWEKMAA QAEPIGTETL ERLFCSYPQT KTYFPHFDLH HGSQQLRAHG FKIMTAVGDA VKSIDNLSSA LTKLSELHAY ILRVDPVNFK LLSHCLLVTM AARFPADFTP EVHEAWDKFM SILSSILTEK YR.	
Precautions	
HBZ Mouse is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P06467)