

Product datasheet for **AR09428PU-L**

HBZ (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HBZ (1-142, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSLTKTERTI IVSMWAKIST QADTIGTETL ERLFLSHPQT KTYFPDFDLH PGSAQLRAHG SKVVA AVGDA VKSIDDIGGA LSKLSELHAY ILRVDPVNFK LLSHCLLVTL AARFPADFTA EAHAAWDKFL SVVSSVLTEK YRLEHHHHHH
Tag:	His-tag
Predicted MW:	16.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 100 mM NaCl, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HBZ, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005323
Locus ID:	3050
UniProt ID:	P02008
Cytogenetics:	16p13.3
Synonyms:	Hemoglobin subunit zeta, Hemoglobin zeta chain, Zeta-globin, HBAZ, HBZ2



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Summary:

Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta1 - 3'. [provided by RefSeq, Nov 2009]

Protein Families:

Embryonic stem cells, ES Cell Differentiation/IPS

Product images: