

## Product datasheet for **AR09252PU-N**

### AHSP / ERAF (1-102) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	AHSP / ERAF (1-102) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MALLKANKDL ISAGLKEFSV LLNQVFNDP LVSEEDMVTV VEDWMNFYIN YYRQQVTGEP QERDKALQEL RQELNTLANP FLAKYRDFLK SHELP SHPPP SS
Predicted MW:	11.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant AHSP protein 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:	<a href="#">NP_001305150</a>
Locus ID:	51327
UniProt ID:	<a href="#">Q9NZD4</a> , <a href="#">Q549J4</a>
Cytogenetics:	16p11.2
Synonyms:	EDRF; ERAF



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**Summary:**

This gene encodes a molecular chaperone which binds specifically to free alpha-globin and is involved in hemoglobin assembly. The encoded protein binds to monomeric alpha-globin until it has been transferred to beta-globin to form a heterodimer, which in turn binds to another heterodimer to form the stable tetrameric hemoglobin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

**Product images:**