

Recombinant Human AHSP Protein, His-tagged

Cat. No. AHSP-614H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AHSP(Met1~Ser102) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Ser102
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	17.6kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	AHSP alpha hemoglobin stabilizing protein [Homo sapiens]
Official Symbol	AHSP
Synonyms	AHSP; alpha hemoglobin stabilizing protein; ERAF, erythroid associated factor; alpha-hemoglobin-stabilizing protein; alpha hemoglobin stabilising protein; EDRF; erythroid associated factor; erythroid-associated factor; erythroid differentiation-related factor; erythroid differentiation associated factor; ERAF;
Gene ID	51327
mRNA Refseq	NM_016633
Protein Refseq	NP_057717
MIM	605821

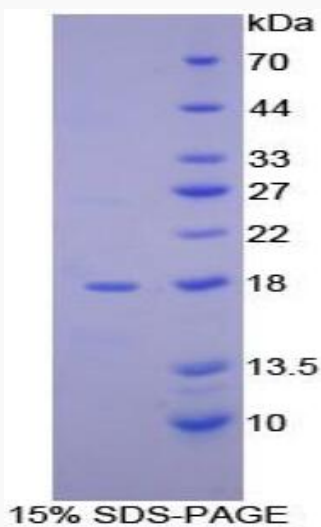
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UniProt ID

Q9NZD4



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