Recombinant Human aHSP, His-tagged, S tagged

Cat. No. aHSP-3367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-Hemoglobin Stabilizing Protein (aHSP)
Species	Human
Source	E.coli
ProteinLength	102
Description	About the Marker: Effective Size Range: 10kDa to 70kDa.Protein bands: 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and70kDa.Double intensity bands: The 26kDa, 18kDa, 10kDa bands are at doubleintensity to make location and size approximation of proteins of interestquick and easy.Ready-to-use: No need to heat, dilute or add reducing agents before use.
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	17.6kDa
Endotoxin	<1.0eu per 1ug (determined by the lal</1.0eu
Purity	>95%
Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Notes	Small volumes of aHSP recombinant protein may occasionally become entrapped in

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	the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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

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Protein Refseq	NP_057717
MIM	605821
UniProt ID	Q9NZD4
Chromosome Location	16p11.1
Function	hemoglobin binding; unfolded protein binding;

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