

# Recombinant Human AHSP Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AHSP-5962H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	AHSP MS Standard C13 and N15-labeled recombinant protein (NP_057717) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	11.8 kDa
<b>AA Sequence</b>	MALLKANKDLISAGLKEFSVLLNQVFNDPLVSEEDMVTVVEDWMNFYINYYRQQV TGEPQERDKALQELRQELNLANPFLAKYRDFLKSHELPSHPPPSSTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

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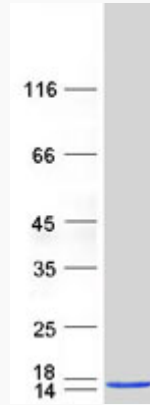
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	AHSP alpha hemoglobin stabilizing protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	AHSP
<b>Synonyms</b>	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;
<b>Gene ID</b>	51327
<b>mRNA Refseq</b>	NM_016633
<b>Protein Refseq</b>	NP_057717
<b>MIM</b>	605821
<b>UniProt ID</b>	Q9NZD4

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SDS-PAGE



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