

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	AHSP alpha hemoglobin stabilizing protein [Homo sapiens (human)]
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
UniProt ID	Q9NZD4

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