

Recombinant Full Length Human ERAF Protein, GST-tagged

Cat. No. ERAF-4353HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERAF full-length ORF (NP_057717.1, 1 a.a. - 102 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	102 amino acids
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. [provided by RefSeq, Dec 2015]
Molecular Mass	38.2 kDa
AA Sequence	MALLKANKDLISAGLKEFSVLLNQQVFNDPLVSEEDMVTVVEDWMNFIYINYYRQQV TGEPQERDKALQELRQELNTLANPFLAKYRDFLKSHELP SHPPSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AHSP alpha hemoglobin stabilizing protein [Homo sapiens (human)]
Official Symbol	ERAFA
Synonyms	AHSP; EDRF; ERAF; alpha hemoglobin stabilizing protein; alpha-hemoglobin-stabilizing protein; erythroid associated factor; erythroid-associated factor; alpha hemoglobin stabilising protein; erythroid differentiation-related factor; erythroid differentiation associated factor
Gene ID	51327
mRNA Refseq	NM_016633
Protein Refseq	NP_057717
MIM	605821
UniProt ID	Q9NZD4

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