

Recombinant Human A1CF Protein, His-tagged

Cat. No. A1CF-641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human A1CF(Gly389~Arg587) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly389~Arg587
Description	Mammalian apolipoprotein B mRNA undergoes site-specific C to U deamination, which is mediated by a multi-component enzyme complex containing a minimal core composed of APOBEC-1 and a complementation factor encoded by this gene. The gene product has three non-identical RNA recognition motifs and belongs to the hnRNP R family of RNA-binding proteins. It has been proposed that this complementation factor functions as an RNA-binding subunit and docks APOBEC-1 to deaminate the upstream cytidine. Studies suggest that the protein may also be involved in other RNA editing or RNA processing events. Several transcript variants encoding a few different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	25.0kDa
Identity	Reconstitute in PBS or others

 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

Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
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	A1CF APOBEC1 complementation factor [Homo sapiens]
Official Symbol	A1CF
Synonyms	A1CF; APOBEC1 complementation factor; ACF; ACF64; ACF65; APOBEC1CF; ASP; apo-B RNA editing protein; APOBEC-1 stimulating protein; apobec-1 complementation factor (ACF) (ASP); RP11-564C4.2; MGC163391;
Gene ID	29974
mRNA Refseq	NM_001198818

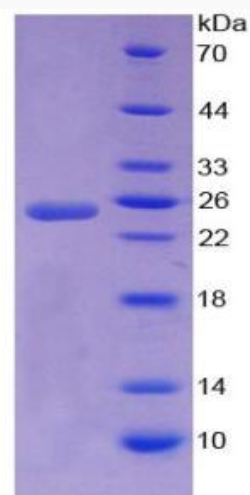
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Protein Refseq NP_001185747

UniProt ID Q9NQ94



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