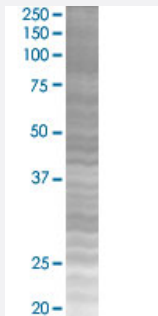


ACF 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00029974-T02

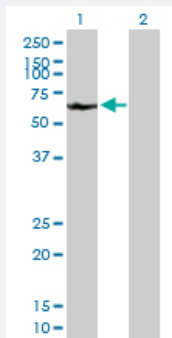
Size 100 uL

Applications



SDS-PAGE Gel

A1CF transfected lysate.



Western Blot

Lane 1: A1CF transfected lysate (65.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ACF full-length
Host	Human
Theoretical MW (kDa)	65
Interspecies Antigen Sequence	Mouse (90); Rat (91)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ACF antibody ([H00029974-B01P](#)) by Western Blots.
SDS-PAGE Gel
A1CF transfected lysate.
Western Blot
Lane 1: A1CF transfected lysate (65.00 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — A1CF

Entrez GeneID

[29974](#)

GeneBank Accession#

[NM_138933](#)

Protein Accession#

[NP_620311.1](#)

Gene Name

A1CF

Gene Alias

ACF, ACF64, ACF65, APOBEC1CF, ASP, MGC163391, RP11-564C4.2

Gene Description

APOBEC1 complementation factor

Gene Ontology

[Hyperlink](#)

Gene Summary

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. Alternative splicing occurs at this locus and three full-length transcript variants, encoding three distinct isoforms, have been described. Additional splicing has been observed but the full-length nature of these variants has not been determined. [provided by RefSeq]

Other Designations

APOBEC-1 stimulating protein|OTTHUMP00000019611|OTTHUMP00000019612|OTTHUMP0000019614|OTTHUMP00000019615|OTTHUMP00000061209|apo-B RNA editing protein|apobec-1 complementation factor|apobec-1 complementation factor (ACF) (ASP)
