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A1CF Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	A1CF
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This A1CF protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human APOBEC1 complementation factor (transcript variant 2) protein
	expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	A1CF
Alternative Name:	Apobec1 Complementation Factor (A1CF Products)
Background:	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

Target Details

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.

Molecular Weight:

65 kDa

NCBI Accession:

NP_620310

Application Details

Application Notes:

Recombinant human proteins can be used for:

Native antigens for optimized antibody production

Positive controls in ELISA and other antibody assays

Comment:

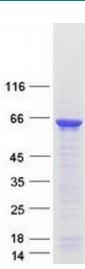
The tag is located at the C-terminal.

Restrictions:

For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot