

Recombinant Human APOBEC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOBEC2-2366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APOBEC2 MS Standard C13 and N15-labeled recombinant protein (NP_006780) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display detectable apoB mRNA editing. Has a low intrinsic cytidine deaminase activity. May play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.
Molecular Mass	25.5 kDa
AA Sequence	MAQKEEA AVATEAASQNGEDLENLDDPEKLKELIELPPFEIVTGERLPANFFKFQFR NVEYSSGRNKTFLCYVVEAQGKGGQVQASRGYLEDEHAAAHAEAAFFNTILPAFDP ALRYNVTWYVSSSPCAACADRIIKTSLKTKNLRLILVGRLFMWEEPEIQAAALKKLKEA GCKLRIMKPQDFEYVWQNFVEQEEGESKAFQPWEDIQENFLYYEEKLADILKTRTR PLEQKLISEEDLAANDILDYKDDDDKV
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

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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.

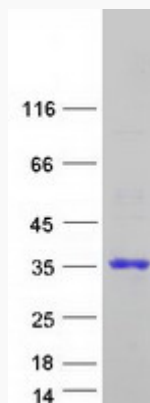
GENE INFORMATION

Gene Name	APOBEC2 apolipoprotein B mRNA editing enzyme catalytic subunit 2 [Homo sapiens (human)]
Official Symbol	APOBEC2
Synonyms	APOBEC2; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2; probable C->U-editing enzyme APOBEC-2; ARCD1; ARP1; probable C-> U-editing enzyme APOBEC-2; apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2;
Gene ID	10930
mRNA Refseq	NM_006789
Protein Refseq	NP_006780
MIM	604797
UniProt ID	Q9Y235

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SDS-PAGE

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