

Recombinant Human APOBEC3C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOBEC3C-3367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APOBEC3C MS Standard C13 and N15-labeled recombinant protein (NP_055323) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control.
Molecular Mass	22.8 kDa
AA Sequence	MNPQIRNPMKAMYPGTFYFQFKNLWEANDRDETWLCFTVEGIKRRSVVSWKTGVF RNQVDSETHCHAERCFLSWFCDDILSPNTKYQVTWYTSWSPCPDCAGEVAEFLAR HSNVNLTIFTARLYYFYPCYQEGRLSLSQEGVAVEIMDYEDFKYCWENFVYNDNE PFKPWKGLKTNFRLLKRRLRESLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

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conditions.

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 APOBEC3C apolipoprotein B mRNA editing enzyme catalytic subunit 3C [Homo sapiens (human)]

Official Symbol APOBEC3C

Synonyms APOBEC3C; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C; probable DNA dC->dU-editing enzyme APOBEC-3C; APOBEC1L; ARDC2; ARDC4; ARP5; bK150C2.3; PBI; probable DNA dC-> dU-editing enzyme APOBEC-3C; phorbolin I; A3C; FLJ37251; MGC19485;

Gene ID 27350

mRNA Refseq NM_014508

Protein Refseq NP_055323

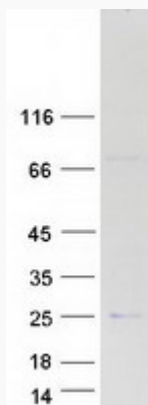
MIM 607750

UniProt ID Q9NRW3

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SDS-PAGE

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