

# Recombinant Human APOBEC3C protein

**Cat. No.** APOBEC3C-1574H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant APOBEC3C was expressed in and purified from E. coli.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptidelike 3C (APOBEC3C). This protein is a member of the cytidine deaminase family. They are structurally and functionally related to the C to U RNA editing cytidine deaminase APOBEC1. It is thought that APOBEC proteins may be RNA editing enzymes and have roles in growth or cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| <b>Form</b>             | 20 mM Tris-HCl, pH 7.5, 150 mM NaCl, and 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 23 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MNPQIRNPMKAMYPGTFYFQFKNLWEANDRNETWLCFTVEGIKRRSVVSWKTGVF<br>RNQVDSETHCHAERCFLSWFCDDILSPNTKYQVTWYTSWSPCPDCAGEVAEFLAR<br>HSNVNLTIFTARLYYFQYPCYQEGRLRSLSQEGVAVEIMDYEDFKYCWENFVYNDNE<br>PFKPWKGLKTNFRLLKRRLRESLQ                                                                                                                                                                                                                                                           |

## GENE INFORMATION

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| <b>Gene Name</b> | APOBEC3C apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C [ |
|------------------|--------------------------------------------------------------------------------|

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|                        |                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Homo sapiens ]                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b> | <a href="#">APOBEC3C</a>                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | <a href="#">27350</a>                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | <a href="#">NM_014508</a>                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | <a href="#">NP_055323</a>                                                                                                                                                                                                                                       |
| <b>MIM</b>             | <a href="#">607750</a>                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | <a href="#">Q9NRW3</a>                                                                                                                                                                                                                                          |

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