

Recombinant Human APOBEC3F Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOBEC3F-4426H Lot. No. (See product label)

SPECIFICATION

Product Overview

APOBEC3F MS Standard C13 and N15-labeled recombinant protein (NP_660341) 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. Alternatively spliced transcript variants encoding different isoforms have been identified.

Molecular Mass

45.1 kDa

AA Sequence

MKPHFRNTVERMYRDTFSYNFYNRPILSRRTNVWLCYEVKTKGPSRPRLDKIFRG
 QVYSQPEHHAEMCFLSWFCGNQLPAYKCFQITWFVSWTPCPDCVAKLAEFLSEHP
 NVTLTISAARLYYYWERDYRRALCRLSQAGARVKIMDDEEFAYCWENFVYSEGQPF
 MPWYKFDDNYAFLHRTLKEILRNPMEAMYPHIFYFHFKNLRKAYGRNESWLCFTME
 VVKHHSPISWKRGVFRNQVDPETHCHAERCFLSWFCDDILSPNTNYEVTWYTSWS
 PCPECAGEVAEFLARHSNVNLTIFTARLYYFWDTDYQEGLRSLSQEGASVEIMGYK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DFKYCWENFVYNDDEPFKPKWGLKYNFLFLDSKLQEILETRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

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.

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 [APOBEC3F apolipoprotein B mRNA editing enzyme catalytic subunit 3F \[Homo sapiens \(human\) \]](#)

Official Symbol [APOBEC3F](#)

Synonyms APOBEC3F; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3F; DNA dC->dU-editing enzyme APOBEC-3F; ARP8; BK150C2.4.MRNA; KA6; DNA dC->dU-editing enzyme APOBEC-3F; induced upon T-cell activation; apolipoprotein B mRNA editing enzyme cytidine deaminase; apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3F; MGC74891;

Gene ID [200316](#)

mRNA Refseq [NM_145298](#)

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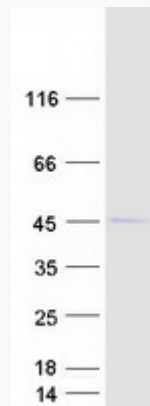
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Protein Refseq NP_660341

MIM 608993

UniProt ID Q8IUX4

SDS-PAGE



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