

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	MKPHFRNTVERMYRDTFSYNFYNRPILSRRNTVWLCYEVKTKGPSRPRLDKIFRG QVYSQPEHHAEMCFLSWFCGNQLPAYKCFQITWVSWTPCPDCVAKLAEFLSEHP NVTLTISAARLYYYWERDYRRALCRLSQAGARVKIMDDEEFAYCWENFVYSEGQPF MPWYKFDDNYAFLHRTLKEILRNPMEAMYPHIFYFHFKNLRKAYGRNESWLCFTME VVKHHSPISWKRGVFRNQVDPETHCHAERCFLSWFCDDILSPNTNYEVTWYTSWS PCPECAGEVAEFLARHSNVNLTIFTARLYYFWDTDYQEGLRSLSQEGASVEIMGYK

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	DFKYCWENFVYNDDEPFKPWKGLKYNFLFLDSKLQEILETRTRPLEQKLISEEDLAA 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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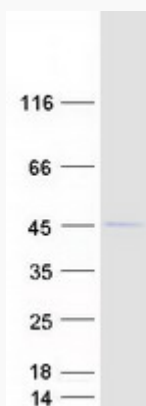
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Protein Refseq NP_660341

MIM 608993

UniProt ID Q8IUX4

SDS-PAGE



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