Recombinant Human APOBEC3H, His-tagged

Cat. No. APOBEC3H-9758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOBEC3H protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-182a.a.
Description	This gene encodes a member of the apolipoprotein B mRNA-editing enzyme catalytic polypeptide 3 family of proteins. The encoded protein is a cytidine deaminase that has antiretroviral activity by generating lethal hypermutations in viral genomes. Polymorphisms and alternative splicing in this gene influence its antiretroviral activity and are associated with increased resistence to human immunodeficiency virus type 1 infection in certain populations. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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Gene Name	APOBEC3H apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H [Homo sapiens]
Official Symbol	APOBEC3H
Synonyms	APOBEC3H; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3H; DNA dC->dU-editing enzyme APOBEC-3H; ARP10; DNA dC-> dU-editing enzyme APOBEC-3H; ARP-10; APOBEC-related protein 10; apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3H;
Gene ID	164668
mRNA Refseq	NM_001166002
Protein Refseq	NP_001159474
MIM	610976
UniProt ID	Q6NTF7
Chromosome Location	22q13.1
Function	cytidine deaminase activity; hydrolase activity; metal ion binding; zinc ion binding;

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