

Recombinant Human APOBEC3H protein, GST-tagged

Cat. No. APOBEC3H-702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOBEC3H full-length ORF (AAH69023.1, 1 a.a. - 182 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 resistance to human immunodeficiency virus type 1 infection in certain populations. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]
Molecular Mass	47.9 kDa
AA Sequence	MALLTAETFRLQFNNKRRLRRPYYPKALLCYQLTPQNGSTPTRGYFENKKKCHAEI CFINEIKSMGLDETQCYQVTCYLTWSPCSSCAWELVDFIKAHDHLNLGIFASRLYYH WCKPQQKGLRLLCGSQVPVEVMGFPEFADCWENFVDHEKPLSFNPYKMLEELDKN SRAIKRRLERIKS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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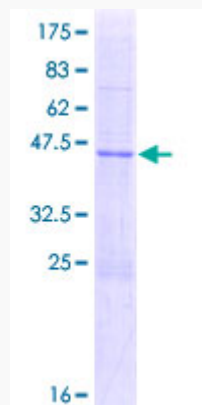
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
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

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12.5% SDS-PAGE Stained with Coomassie Blue.

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