

Recombinant Human APOBEC3D protein, GST-tagged

Cat. No. APOBEC3D-699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOBEC3D full-length ORF (ENSP00000216099, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the cytidine deaminase gene family. It is one of a group of related genes 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 and inhibit retroviruses, such as HIV, by deaminating cytosine residues in nascent retroviral cDNA. [provided by RefSeq, Jul 2008]
Molecular Mass	73 kDa
AA Sequence	MNPQIRNPMERMRYRDTFYDNFENEPILYGRSYTWLCYEVKIKRGRSNLLWDTGVFR GPVLPKRQSNHRQEVYFRFENHAEMCFLSWFCGNRLPANRRFQITWVFSWNPCLP CVVKVTKFLAEHPNVTLTISAARLYYYRDRDWRWVLLRLHKAGARVKIMDYEDFAYC WENFVCNEGQPFMPWYKFDDNYASLHRTLKEILRNPMEAMYPHIFYFHFKNLLKAC GRNESWLCFTMEVTKHHSVFRKRGVFRNQVDPETHCHAERCFLSWFCDDILSPN TNYEVTWYTSWSPCECAGEVAEFLARHSNVNLTIFTARLCYFWDTDYQEGLCSL QEGASVKIMGYKDFVSCWKNFVYSDDEPFKPKWGLQTNFRLLKRRLREILQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

 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

Antibody Production; Protein Array

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

APOBEC3D apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D [Homo sapiens]

Official Symbol

APOBEC3D

Synonyms

APOBEC3D; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D; APOBEC3E, apolipoprotein B mRNA editing enzyme, catalytic polypeptide like 3D (putative) , apolipoprotein B mRNA editing enzyme, catalytic polypeptide like 3E pseudogene; probable DNA dC->dU-editing enzyme APOBEC-3D; ARP6; probable DNA dC-> dU-editing enzyme APOBEC-3D; DNA dC-> apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3E pseudogene; APOBEC3E; APOBEC3DE;

Gene ID

140564

mRNA Refseq

NM_152426

Protein Refseq

NP_689639

MIM

609900

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UniProt ID

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