

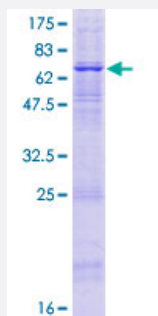
Full-Length

APOBEC3D (Human) Recombinant Protein (P01)

Catalog # H00140564-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human APOBEC3D full-length ORF (ENSP00000216099, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNPQIRNPMERMYRDTFYDNFENEPILYGRSYTWLCYEVKIKRGRSNLLWDTGVFRGPVLPKRQS
NHRQEVYFRFENHAEMCFLSWFCGNRLPANRRFQITWVFSWNPCLPCVVKVTKFLAEHPNVTLT
ISAARLYYRDRDWRWVLLRLHKAGARVKIMDYEDFAYCWENFVCNEGQPFMPWYKFDDNYASL
HRTLKEILRNPMEAMYPHIFYHFKNLLKACGRNESWLCFTMEVTKHSAVFRKRGVFRNQVDPE
THCHAERCFLSWFCDDILSPNTNYEVTWYTSWSPCECAGEVAEFLARHSNVNLTIFTARLCYFW
DTDYQEGLCSLSQEGASVKIMGYKDFVSCWKNFVYSDDPEFPKPKWGLQTNFRLLKRRLREILQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — APOBEC3D

Entrez GeneID [140564](#)

GeneBank Accession# [ENST00000216099](#)

Protein Accession# [ENSP00000216099](#)

Gene Name APOBEC3D

Gene Alias APOBEC3DE, APOBEC3E, ARP6

Gene Description apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D

Omim ID [609900](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations DNA dC->dU-editing enzyme APOBEC-3D|apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3E pseudogene