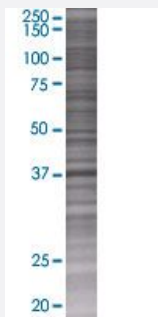


APOBEC3G 293T Cell Transient Overexpression Lysate(Denatured)

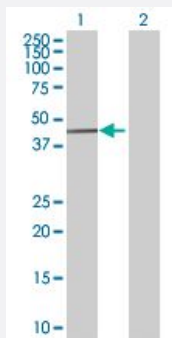
Catalog # H00060489-T01 Size 100 uL

Applications



SDS-PAGE Gel

APOBEC3G transfected lysate.



Western Blot

Lane 1: APOBEC3G transfected lysate (42.35 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-APOBEC3G full-length
Host	Human
Theoretical MW (kDa)	42.35

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-APOBEC3G antibody ([H00060489-B01](#)) by Western Blots.
SDS-PAGE Gel
APOBEC3G transfected lysate.
Western Blot
Lane 1: APOBEC3G transfected lysate (42.35 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — APOBEC3G

Entrez GeneID

[60489](#)

GeneBank Accession#

[NM_021822.1](#)

Protein Accession#

[AAH24268.1](#)

Gene Name

APOBEC3G

Gene Alias

ARP9, CEM15, FLJ12740, MDS019, bK150C2.7, dJ494G10.1

Gene Description

apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G

Omim ID

[607113](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. The protein encoded by this gene has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity. [provided by RefSeq]

Other Designations

DNA dC->dU editing enzyme|OTTHUMP00000028911|phorbolin-like protein MDS019

Pathway

- [Atrazine degradation](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Liver Cirrhosis](#)