

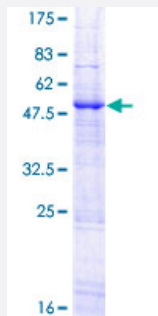
Full-Length

APOBEC3B (Human) Recombinant Protein (P01)

Catalog # H00009582-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human APOBEC3B full-length ORF (AAH53859.1, 1 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNPQIRNPMERMYRDTFYDNFENEPILYGRSYTWLCYEVKIKRGRSNLLWDTGVFRGQVYFEPQY
HAEMCFLSWFCGNQLPAYKCFQITWVSWTPCPDCVAKLAEFLSEHPNVTLTISAARLYYWYWER
DYRRALCRLSQAGARVKIMDYEEFAYCWENFVYNEGQQFMPWYKFDENYAFHLHRTLKEILRLRIFS
VAFTAAMRSCASWTWFLLCSWTRPRSTGSLGSSPGAPASPGAVPGKCVRSFRRTHT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.2

Interspecies Antigen Sequence

Mouse (39); Rat (39)

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 — APOBEC3B

Entrez GeneID [9582](#)

GeneBank Accession# [BC053859.1](#)

Protein Accession# [AAH53859.1](#)

Gene Name APOBEC3B

Gene Alias APOBEC1L, ARCD3, ARP4, DJ742C19.2, FLJ21201, PHRBNL, bK150C2.2

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

Omim ID [607110](#)

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. [provided by RefSeq]

Other Designations OTTHUMP00000028684|cytidine deaminase|phorbolin 2|phorbolin 3|phorbolin-1-related

Pathway

- [Atrazine degradation](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)