

APOBEC3A (A3A) Recombinant Protein | APOBEC3A recombinant protein

Recombinant APOBEC3A (A3A) protein

CATALOG #
AAA60359

PRODUCT SYNONYMS

APOBEC3A (A3A); Recombinant APOBEC3A (A3A) protein; APOBEC3A recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>90%
Concentration	0.7 µg/µl (varies by lot)
Protein Details	Recombinant APOBEC3A (A3A) protein that includes full length of human APOBEC3A protein(accession number NP_001180218.1) was expressed in E. coli and molecular weight is 23.26 kDa. The purity of the protein is > 90% by SDS-PAGE.
Buffer Contents	Recombinant APOBEC3A (A3A) protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20%glycerol, 0.5 mM TCEP.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. This product is guaranteed for 12 months from date of receipt.

ADDITIONAL INFORMATION

Related Product Information for APOBEC3A recombinant protein

Apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A, also known as APOBEC3A, or A3A is a gene of the APOBEC3 family found in humans, non-human primates, and some other mammals. It is a single-domain DNA cytidine deaminase with antiviral effects. While other members of the family such as APOBEC3G are believed to act by editing ssDNA by removing an amino group from cytosine in DNA, introducing a cytosine to uracil change which can ultimately lead to a cytosine to thymine mutation, one study suggests that APOBEC3A can inhibit parvoviruses by another mechanism. The cellular function of APOBEC3A is likely to be the destruction of foreign DNA through extensive deamination of cytosine.

NCBI AND UNIPROT INFORMATION

Molecular Weight	23.26 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apobec3a-a3a-recombinant-protein/60359>