

DNA dC->dU-editing enzyme APOBEC-3A (APOBEC3A) Recombinant Protein | APOBEC3A recombinant protein

Recombinant Human DNA dC->dU-editing enzyme APOBEC-3A (APOBEC3A)

CATALOG # AAA18473	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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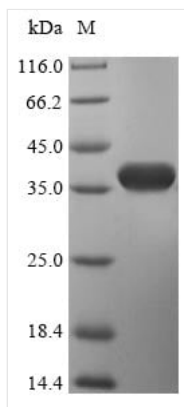
PRODUCT SYNONYMS

DNA dC->dU-editing enzyme APOBEC-3A (APOBEC3A); Recombinant Human DNA dC->dU-editing enzyme APOBEC-3A (APOBEC3A); Phorbolin-1; APOBEC3A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-199aa; Full Length
Sequence	MEASPASGPR HLMDPHITS NFNNGIGRHK TYLCYEVERL DNGTSVKMDQ HRGFLHNQAK NLLCGFYGRH AELRFLDLVP SLQLDPAQIY RVTWFIWSP CFSWGCAGEV RAFLQENTHV RLRIFAARIY DYDPLYKEAL QMLRDAGAQV SIMTYDEFKH CWDTFVDHQG CPFQPWDGLD EHSQALSGRL RAILQNQGN
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOBEC3A recombinant protein

DNA deaminase (cytidine deaminase) with restriction activity against viruses, foreign DNA and mobility of retrotransposons. Exhibits antiviral activity against adeno-associated virus (AAV) and human T-cell leukemia virus type 1 (HTLV-1) and may inhibit the mobility of LTR and non-LTR retrotransposons. Selectively targets single-stranded DNA and can deaminate both methylcytosine and cytosine in foreign DNA. Can induce somatic hypermutation in the nuclear and mitochondrial DNA. May also play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation.

Product Categories/Family for APOBEC3A recombinant protein	Signal Transduction
References	"Psoriasis upregulated phorbolin-1 shares structural but not functional similarity to the mRNA-editing protein apobec-1." Madsen P.P., Anant S., Rasmussen H.H., Gromov P., Vorum H., Dumanski J.P., Tommerup N., Collins J.E., Wright C.L., Dunham I., Macginnitie A.J., Davidson N.O., Celis J.E. J. Invest. Dermatol. 113:162-169(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	300869638
NCBI GeneID	100913187
NCBI Accession #	NP_001180218.1
NCBI GenBank Nucleotide #	NM_001193289.1
UniProt Accession #	P31941; Q12807; Q5JZ93; Q9UH18; A0AVM1
Molecular Weight	39 kDa
NCBI Official Full Name	probable DNA dC->dU-editing enzyme APOBEC-3A
NCBI Official Synonym Full Names	APOBEC3A and APOBEC3B deletion hybrid
NCBI Official Symbol	APOBEC3A_B
NCBI Protein Information	probable DNA dC->dU-editing enzyme APOBEC-3A
UniProt Protein Name	DNA dC->dU-editing enzyme APOBEC-3A
UniProt Gene Name	APOBEC3A
UniProt Synonym Gene Names	A3A
UniProt Entry Name	ABC3A_HUMAN

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-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18473>