Single-stranded DNA cytosine deaminase (AICDA) Recombinant Protein | AICDA recombinant protein

Recombinant Human Single-stranded DNA cytosine deaminase (AICDA)

CATALOG #	HOST
AAA116729	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Single-stranded DNA cytosine deaminase (AICDA); Recombinant Human Single-stranded DNA cytosine deaminase (AICDA); AICDA 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	1-198aa; Full Length Protein
Sequence	MDSLLMNRRK FLYQFKNVRW AKGRRETYLC YVVKRRDSAT SFSLDFGYLR NKNGCHVELL FLRYISDWDL DPGRCYRVTW FTSWSPCYDC ARHVADFLRG NPNLSLRIFT ARLYFCEDRK AEPEGLRRLH RAGVQIAIMT FKDYFYCWNT FVENHERTFK AWEGLHENSV RLSRQLRRIL LPLYEVDDLR DAFRTLGL
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for AICDA recombinant protein	This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1057867551
NCBI GeneID	57379
NCBI Accession #	NP_001317272.1
NCBI GenBank Nucleotide #	NM_001330343.1
UniProt Accession #	Q9GZX7; Q6QJ81; Q8NFC1
Molecular Weight	28.0 kDa
NCBI Official Full Name	single-stranded DNA cytosine deaminase isoform 2
NCBI Official Synonym Full Names	activation induced cytidine deaminase
NCBI Official Symbol	AICDA
NCBI Official Synonym Symbols	AID; ARP2; CDA2; HIGM2; HEL-S-284
NCBI Protein Information	single-stranded DNA cytosine deaminase

UniProt Protein Name	Single-stranded DNA cytosine deaminase
UniProt Gene Name	**AICDA**
UniProt Synonym Gene Names	AID; AID

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/aicda-recombinant-protein-e-coli/116729