Double-stranded RNA-specific adenosine deaminase (Adar) Recombinant Protein | Adar recombinant protein

Recombinant Mouse Double-stranded RNA-specific adenosine deaminase (Adar) , partial

CATALOG #	HOST
AAA117287	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Double-stranded RNA-specific adenosine deaminase (Adar); Recombinant Mouse Double-stranded RNA-specific adenosine deaminase (Adar); partial; Adar 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	835-1170aa; partial
Sequence	SLGTGNRCVK GDSLSLKGET VNDCHAEIIS RRGFIRFLYS ELMKYNHHTA KNSIFELARG GEKLQIKKTV SFHLYISTAP CGDGALFDKS CSDRAVESTE SRHYPVFENP KQGKLRTKVE NGEGTIPVES SDIVPTWDGI RLGERLRTMS CSDKILRWNV LGLQGALLTH FLQPVYLKSV TLGYLFSQGH LTRAICCRVT RDGKAFEDGL RYPFIVNHPK VGRVSVYDSK RQSGKTKETS VNWCMADGYD LEILDGTRGT VDGPGKELSR VSKKNIFLQF KKLCSFRARR DLLQLSYGEA KKAARDYDLA KNYFKKSLRD MGYGNWISKP QEEKNF
Species	Mouse
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 Adar recombinant protein	This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371677
NCBI GeneID	56417
NCBI Accession #	NP_001139768.1
NCBI GenBank Nucleotide #	NM_001146296.1
UniProt Accession #	Q99MU3; O70375; Q80UZ6; Q8C222; Q99MU2; Q99MU4; Q99MU7
Molecular Weight	102,580 Da
NCBI Official Full Name	double-stranded RNA-specific adenosine deaminase isoform 3
NCBI Official Synonym Full Names	adenosine deaminase, RNA-specific
NCBI Official Symbol	Adar

NCBI Official Synonym Symbols	Adar1; DRADA; mZaADAR; AV242451; Adar1p110; Adar1p150
NCBI Protein Information	double-stranded RNA-specific adenosine deaminase
UniProt Protein Name	Double-stranded RNA-specific adenosine deaminase
UniProt Gene Name	**Adar**
UniProt Synonym Gene Names	DRADA

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://www.aaabiotech.com/adar-recombinant-protein-e-coli/117287