

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

Recombinant Human Double-stranded RNA-specific adenosine deaminase (ADAR) , partial

CATALOG #
AAA113295

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Double-stranded RNA-specific adenosine deaminase (ADAR); Recombinant Human 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	1-176aa; Partial-length
Sequence	MNPRQGYSLG GYYTHPFQGY EHRQLRYQQP GPGSSPSSFL LKQIEFLKGQ LPEAPVIGKQ TPSLPPSLPG LRPRFPVLLA SSTRGRQVDI RGVPRGVHLR SQGLQRGFQH PSRGRSLPQ RGVDCLSSH FQELSIYQDQE QRILKFLEEL GEGKATTAHD LSGKLGTPKK EINRVL
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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70167113
NCBI GeneID	103
NCBI Accession #	NP_001020278.1
NCBI GenBank Nucleotide #	NM_001025107.2
UniProt Accession #	P55265; O15223; O43859; O43860; Q9BYM3; Q9BYM4; B1AQQ9; B1AQR0; D3DV76
Molecular Weight	35.6 kDa
NCBI Official Full Name	double-stranded RNA-specific adenosine deaminase isoform d
NCBI Official Synonym Full Names	adenosine deaminase, RNA specific
NCBI Official Symbol	ADAR
NCBI Official Synonym Symbols	DSH; AGS6; G1P1; IFI4; P136; ADAR1; DRADA; DSRAD; IFI-4; K88DSRBP

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	ADAR1; DSRAD; G1P1; IFI4; p136; IFI-4

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/adar-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113295>