

Recombinant Human ADAR Protein, DYKDDDDK-tagged

Cat. No. ADAR-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of homo sapiens adenosine deaminase, RNA specific (ADAR), transcript variant 4 (NM_001025107), with a DYKDDDDK tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	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. Alternative splicing results in multiple transcript variants.
Molecular Mass	103.5 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 90 % by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any preservatives

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GENE INFORMATION

Gene Name ADAR adenosine deaminase RNA specific [Homo sapiens (human)]

Official Symbol ADAR

Synonyms ADAR; adenosine deaminase RNA specific; DSH; AGS6; G1P1; IFI4; P136; ADAR1; DRADA; DSRAD; IFI-4; K88DSRBP; double-stranded RNA-specific adenosine deaminase; 136 kDa double-stranded RNA-binding protein; adenosine deaminase acting on RNA 1-A; dsRNA adenosine deaminase; dsRNA adeonosine deaminase; interferon-induced protein 4; interferon-inducible protein 4; EC 3.5.4.37

Gene ID 103

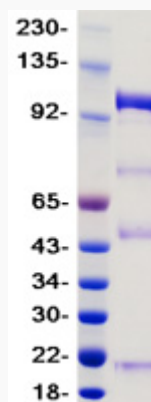
mRNA Refseq NM_001025107

Protein Refseq NP_001020278

MIM 146920

UniProt ID P55265

SDS-PAGE



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