

## Recombinant Human ADAR Protein, DYKDDDDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	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.
<b>Molecular Mass</b>	103.5 kDa
<b>Endotoxin</b>	< 0.1 ng/μg of protein (< 1 EU/μg)
<b>Purity</b>	> 90 % by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
<b>Storage Buffer</b>	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 adenosine deaminase; interferon-induced protein 4; interferon-inducible protein 4; EC 3.5.4.37

**Gene ID** 103

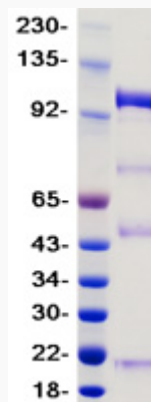
**mRNA Refseq** NM\_001025107

**Protein Refseq** NP\_001020278

**MIM** 146920

**UniProt ID** P55265

### SDS-PAGE



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