

# Recombinant Human ADAR Mutant (K744R) Protein, Myc/DDK-tagged

Cat. No. ADAR-127H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Purified mutant recombinant protein of Human adenosine deaminase, RNA-specific (ADAR), transcript variant 4, mutation at(K744R) with a Myc/DDK tag was expressed in HEK293

**Species** Human

**Source** HEK293

**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

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Storage** Store at -80 centigrade after receiving vials.

**Concentration** > 50 µg/mL as determined by microplate Bradford method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

## 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](#)

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**SDS-PAGE**

Purified recombinant protein ADAR (K744R) was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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