

Product datasheet for **TP762358**

ADAR1 (ADAR) (NM_001025107) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human adenosine deaminase, RNA-specific (ADAR), transcript variant 4, Thr30-Gln360, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Thr30-Gln360) of ADAR
Tag:	N-His
Predicted MW:	36.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001020278
Locus ID:	103
UniProt ID:	P55265
RefSeq Size:	6532
Cytogenetics:	1q21.3
RefSeq ORF:	2796
Synonyms:	ADAR1; AGS6; DRADA; DSH; DSRAD; G1P1; IFI-4; IFI4; K88DSRBP; P136



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Summary:

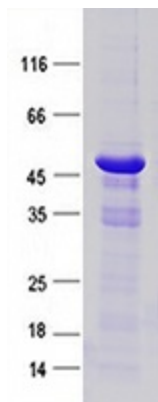
This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double-stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

Protein Families:

Druggable Genome

Protein Pathways:

Cytosolic DNA-sensing pathway

Product images:

Purified recombinant protein ADAR was analyzed by SDS-PAGE gel and Coomassie Blue Staining.