Recombinant Homo sapiens ADAT1

Cat. No. ADAT1-3157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Adenosine Deaminase, tRNA-specific 1
Species	Human
Source	E.coli
Description	This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA. Alternatively spliced transcript variants have been described.
Form	Supplied as a liquid in PBS, pH 7.2. No preservative added.
Purity	Highly PurifiedHighly purified
Applications	Suitable for use in ELISA as an Antigen, Ligand, or Assay Standard.
Notes	Small volumes of ADAT1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	-70 degree C

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Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ADAT1 adenosine deaminase, tRNA-specific 1 [Homo sapiens]
Official Symbol	ADAT1
Synonyms	ADAT1; HADAT1; tRNA-specific adenosine deaminase 1; adenosine deaminase acting on Trna; tRNA-specific adenosine-37 deaminase
Gene ID	23536
mRNA Refseq	NM_012091
Protein Refseq	NP_036223
MIM	604230
UniProt ID	Q9BUB4
Chromosome Location	16q23.1
Function	RNA binding; metal ion binding; tRNA-specific adenosine deaminase activity

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