

Adenosine Deaminase tRNA-Specific 1 Recombinant Protein | ADAT1 recombinant protein

Recombinant Human Adenosine Deaminase tRNA-Specific 1

CATALOG # AAA38269	HOST E Coli
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PRODUCT SYNONYMS

Adenosine Deaminase tRNA-Specific 1; Recombinant Human Adenosine Deaminase tRNA-Specific 1; ADAT1 Human; Adenosine Deaminase tRNA-Specific 1 Human Recombinant; tRNA-specific adenosine deaminase 1; hADAT1; tRNA-specific adenosine- 37 deaminase; ADAT1; ADAT-1; ADAT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Adenosine Deaminase tRNA-Specific-1 at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ . Sterile Filtered clear solution.
Sequence Length	502
Preparation and Storage	ADAT-1 although stable at 4 degree C for 1 week, should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ADAT1 recombinant protein	Description: Adenosine Deaminase tRNA-Specific 1 Human Recombinant produced in E Coli is a non-glycosylated, polypeptide chain containing amino acids 1-502 and having a total molecular mass of 57.7 kda. ADAT-1 contains T7 tag at N-terminus. ADAT1 is purified by proprietary chromatographic techniques. Introduction: 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.
Product Categories/Family for ADAT1 recombinant protein	Enzymes; Deaminase

NCBI AND UNIPROT INFORMATION

NCBI GI #	302058269
NCBI GeneID	23536
NCBI Accession #	NP_036223.2
NCBI GenBank Nucleotide #	NM_012091.3
UniProt Accession #	Q9BUB4; Q9NVB7; Q9UNG3
Molecular Weight	38,706 Da
NCBI Official Full Name	tRNA-specific adenosine deaminase 1
NCBI Official Synonym Full Names	adenosine deaminase, tRNA-specific 1
NCBI Official Symbol	ADAT1

NCBI Official Synonym Symbols	HADAT1
NCBI Protein Information	tRNA-specific adenosine deaminase 1; adenosine deaminase acting on tRNA; tRNA-specific adenosine-37 deaminase
UniProt Protein Name	tRNA-specific adenosine deaminase 1
UniProt Gene Name	ADAT1
UniProt Synonym Gene Names	hADAT1
UniProt Entry Name	ADAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/adat1-recombinant-protein-e-coli/38269>