

Recombinant Human ADAT1 Protein, GST/His-tagged

Cat. No. ADAT1-1143H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ADAT1 protein, fused to GST tag at N-terminus and His tag at C-terminus, was expressed in E. coli.
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. [provided by RefSeq, Jul 2010].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Molecular Mass	83.2 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ADAT1 adenosine deaminase, tRNA-specific 1 [Homo sapiens]
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Official Symbol	ADAT1
Synonyms	HADAT1; HADAT1
Gene ID	23536
mRNA Refseq	NM_012091
Protein Refseq	NP_036223
MIM	604230
UniProt ID	Q9BUB4

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