

Recombinant Full Length Human ADAT1 Protein, GST-tagged

Cat. No. ADAT1-899HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAT1 full-length ORF (AAH02758.1, 1 a.a. - 502 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	502 amino acids
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]
Molecular Mass	81.8 kDa
AA Sequence	MWTADEIAQL CYEHYGIRLP KKGKPEPNHE WTLAAVVKI QSPADKACDT PDKPVQVTKE VVSMGTGTHC IGQSKMRKNG DILNDSHA EV IARRSFQRYL LHQLQLAATL KEDSIFVPGT QKGVWKLRRD LIFVFFSSHT PCGDASIIPM LEFEDQPCCP VFRNWAHNSS VEASSNLEAP GNERKCEDPD SPVTKKMRLE PGTAAREVTN GAAHHQSFGK QKSGPISPGI HSCDLTVEGL ATVTRIAPGS AKVIDVYRTG AKCVPGEAGD SGKPGAAFHQ VGLLRVKPGR GDRTRSMSCS DKMARWNVLG CQGALLMHLL EEPIYLSAVV IGKCPYSQEA MQRALIGRCQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NVSALPKGFG VQELKILQSD LLFEQSRSAV QAKRADSPGR LVPCGAAISW
 SAVPEQPLDV TANGFPQGT KKTIGSLQAR SQISKVELFR SFQKLLSRIA
 RDKWPHSLRV QKLDTYQEYK EAASSYQEAW STLRKQVFGS WIRNPPDYHQ FK

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ADAT1 adenosine deaminase, tRNA-specific 1 \[Homo sapiens \]](#)

Official Symbol

[ADAT1](#)

Synonyms

ADAT1; adenosine deaminase, tRNA-specific 1; tRNA-specific adenosine deaminase 1; adenosine deaminase acting on tRNA; tRNA-specific adenosine-37 deaminase; HADAT1

Gene ID

[23536](#)

mRNA Refseq

[NM_012091](#)

Protein Refseq

[NP_036223](#)

MIM

[604230](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

Q9BUB4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA