

## Recombinant Human ADAT3 protein, His-tagged

Cat. No. ADAT3-2854H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADAT3 protein(1-351 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-351 aa                                                                                                                                                                                                                                             |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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**AA Sequence**

MEPAPGLVEQPKCLEAGSPEPEPAPWQALPVLSEKQSGDVELVLAYAAPVLDKRQT  
 SRLLKEVSALHPLPAQPHLKRVRPSRDAGSPHALEMLLCLAGPASGPRSLAELLPRP  
 AVDPRGLGQPFLVPVPARPPPLTRGQFEEARAHWPTSFHEDKQVTSALAGRFLSTQE  
 RAAMQSHMERAVWAARRAAARGLRAVGAVVVDPASDRVLATGHDCSCADNPLLH  
 AVMVCVDLVARGQGRGTYDFRPFACSFAPAAAPQAVRAGAVRKLDADDEDGLPYL  
 CTGYDLVYTREPCAMCAMLVHARILRVFYGAPSPDGALGTRFRIHARPDLNHRFQ  
 VFRGVLEEQCRWLDPDT

**GENE INFORMATION**
**Gene Name**

[ADAT3 adenosine deaminase, tRNA-specific 3 \[ Homo sapiens \]](#)

**Official Symbol**

[ADAT3](#)

**Synonyms**

ADAT3; adenosine deaminase, tRNA-specific 3; adenosine deaminase, tRNA specific 3, TAD3 homolog (S. cerevisiae); tRNA-specific adenosine deaminase-like protein 3; TAD3; tRNA specific adenosine deaminase 3 homolog (S. cerevisiae); tRNA-specific adenosine deaminase 3 homolog; adenosine deaminase, tRNA-specific 3, TAD3 homolog; tRNA-specific adenosine-34 deaminase subunit ADAT3; FWP005; MST121; S863-5; MSTP121;

**Gene ID**

[113179](#)

**mRNA Refseq**

[NM\\_138422](#)

**Protein Refseq**

[NP\\_612431](#)

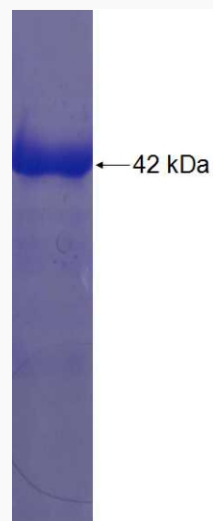
**UniProt ID**

[Q96EY9](#)

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**SDS-PAGE**

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