

Recombinant Human ADAT3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ADAT3 protein(1-351 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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.

 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

AA Sequence

MEPAPGLVEQPKCLEAGSPEPEPAPWQALPVLSEKQSGDVELVLAYAAPVLDKRQT
 SRLLKEVSALHPLPAQPHLKRVRPSRDAGSPHALEMLLCLAGPASGPRSLAELLPRP
 AVDPRGLGQPFLVPVPARPPLTRGQFEEARAHWPTSFHEDKQVTSALAGRLFSTQE
 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](#)

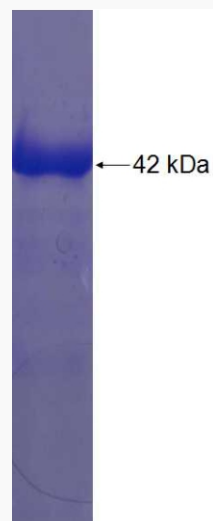
UniProt ID

[Q96EY9](#)

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SDS-PAGE

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