

Recombinant Human ADAT3 Protein, GST-tagged

Cat. No. ADAT3-318H **Lot. No.** (See product label)

SPECIFICATION

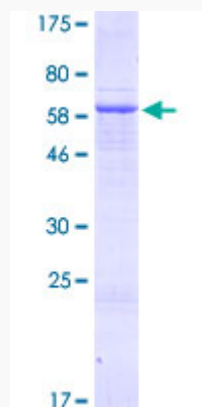
Product Overview	Human ADAT3 full-length ORF (NP_612431.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a subunit of a tRNA-specific adenosine deaminase. This heterodimeric enzyme converts adenosine to inosine in the tRNA anticodon. A mutation in this gene causes a syndrome characterized by intellectual disability and strabismus. This gene shares its 5' exon with the overlapping gene, secretory carrier membrane protein 4 (Gene ID: 113178). [provided by RefSeq, Jul 2016]
Molecular Mass	64.5 kDa
AA Sequence	MEPAPGLVEQPKCLEAGSPEPEPAPWQALPVLSEKQSGDVELVLAYAAPVLDKRQT SRLLKEVSALHPLPAQPHLKRVRPSRDAGSPHALEMLLCLAGPASGPRSLAELLPRP AVDPRGLGQPFLVPVPARPPLTRGQFEEARAHWPTSFHEDKQVTSALAGRLEFSTQE RAAMQSHMERAVWAARRAAARGRLRAVGAVVVDPASDRVLATGHDCSCADNPLLH AVMVCVDLVARGQGRGTYDFRPFPACSFAPAAAPQAVRAGAVRKLEDAEDGLPYL CTGYDLVVTREPCAMCAMLVHARILRVFYGAPSPDGALGTRFRIHARPDNLNHRFQ VFRGVLEEQCRWLDPDT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 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

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	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



12.5% SDS-PAGE Stained with Coomassie Blue.

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