



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### ADAT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00023536-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human ADAT1 full-length ORF (AAH02758.1, 1 a.a. - 502 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MWTADEIAQLCYEHYGIRLPKKGKPEPNHEWTLAAV  
VKIQSPADKACDTPDKPVQVTKEVVSMGTGKICIGQS  
KMRKNGDILNDSHAEVIARRSFQRYLLHQLQLAATLKE  
DSIFVPGTQKGVWKLRRDLIFVFFSHTPCGDASIIPML  
EFEDQPCCPVFRNWAHNSSEASSNLEAPGNERKCE  
DPDSPVTKMRLEPGTAAREVTNGAAHHQSFGKQKS  
GPISPGIHSCDLTVEGLATVTRIPGSAKVIDVYRTGAK  
CVPGEAGDSGKPGAAFHQVGLLRVKPGRGDRTRSMS  
CSDKMARWNVLGCQGALLMHLLEPIYLSAVVIGKCP  
YSQEAMQRALIGRCQNVSALPKGFGVQELKILQSDLLF  
EQRSRAVQAKRADSPGRLVPCGAAISWSAVPEQPLD  
VTANGFPQGTTKKTIGSLQARSQISKVELFRSFQKLLS  
RIARDKWPHSLRVQKLDTYQEYKEAASSYQEAWSTLR  
KQVFGSWIRNPPDYHQFK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 81.8

**Interspecies Antigen Sequence:** Mouse (77); Rat (77)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

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

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 23536

**Gene Symbol:** ADAT1

**Gene Alias:** HADAT1

**Gene Summary:** 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. [provided by RefSeq]