

## Product datasheet for **AR51136PU-N**

### TADA3L (1-432, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TADA3L (1-432, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSELKDC PLQFHDFKSV DHLKVCPRYT AVLARSEDDG IGIEELDTLQ LELETLSSA SRRLRVLEAE TQILTDWQDK KGDRRFLKLG RDHELGAPPK HGKPKKQKLE GKAGHGPGPG PGRPCKSNLQ PKIQEYFTD DPIDVPRIPK NDAPNRFWAS VEPYCADITS EEVRTLEELL KPEDEAEHY KIPPLGKHYS QRWAQEDLLE EQKDGARAAA VADKKKGLMG PLTELDTKDV DALLKKSEAE HEQPEDGCPF GALTQRLQA LVEENIISPM EDSPIPDMSG KESGADGAST SPRNQNKPFS VPHTKSLESR IKEELIAQGL LESEDRPAED SEDEVLAELR KRQAELKALS AHNRTKKHDL LRLAKEEVSQ QELRQVRMA DNEVMDAFRK IMAARQKKRT PTKKEKDQAW KTLKERESIL KLLDG
Tag:	His-tag
Predicted MW:	51.3 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TAD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001265199</a>
Locus ID:	10474
UniProt ID:	<a href="#">O75528</a> , <a href="#">A8K899</a>



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Cytogenetics: 3p25.3

Synonyms: ADA3; hADA3; NGG1; STAF54; TADA3L

**Summary:** DNA-binding transcriptional activator proteins increase the rate of transcription by interacting with the transcriptional machinery bound to the basal promoter in conjunction with adaptor proteins, possibly by acetylation and destabilization of nucleosomes. The protein encoded by this gene is a transcriptional activator adaptor and a component of the histone acetyl transferase (HAT) coactivator complex which plays a crucial role in chromatin modulation and cell cycle progression. Along with the other components of the complex, this protein links transcriptional activators bound to specific promoters, to histone acetylation and the transcriptional machinery. The protein is also involved in the stabilization and activation of the p53 tumor suppressor protein that plays a role in the cellular response to DNA damage. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

Protein Families: Transcription Factors

### Product images:

