

Datasheet for ABIN7544110
TADA2L Protein (AA 1-443) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | TADA2L (TADA2A) |
| Protein Characteristics: | AA 1-443 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TADA2L protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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|------------------|--|
| Purpose: | Custom-made recombinat TADA2A Protein expressed in mammalien cells. |
| Sequence: | <p>MDRLGPFSSND PSDKPPCRGC SSYLMEPYIK CAECGPPPPFF LCLQCFTTRGF EYKKHQSDHT YEIMTSDFPV LDPSWTAQEE MALLEAVMDC GFGNWQDVAN QMCTKTKEEC EKHYMKHFIN NPLFASTLLN LKQAEAAKTA DTAIPFHSTD DPPRPTFDSL LSRDMAGYMP ARADFIEEFD NYAEWDLRDI DFVEDDSDIL HALKMAVVDI YHSRLKERQR RKKIIRDHGL INLRKFQLME RRYPKVQDL YETMRRFARI VGPVEHDKFI ESHALEFELR REIKRLQEYR TAGITNFCSA RTYDHLKKTR EEERLKRML SEVLQYIQDS SACQWLLRRQ ADIDSGLSPS IPMASNSGRR SAPPLNLTGL PGTEKLEKE KELCQMVRLV PGAYLEYKSA LLNECNKQGG LRLAQRALI KIDVNKTRKI YDFLIREGYI TKG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p> |
| Characteristics: | Key Benefits: |

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: TADA2L (TADA2A)

Alternative Name: TADA2A ([TADA2A Products](#))

Background: Transcriptional adapter 2-alpha (Transcriptional adapter 2-like) (ADA2-like protein),FUNCTION: Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4. Required for the function of some acidic activation domains, which activate transcription from a distant site (By similarity). Binds double-stranded DNA. Binds dinucleosomes, probably at the linker region between neighboring nucleosomes. Plays a role in chromatin remodeling. May promote TP53/p53 'Lys-321' acetylation, leading to reduced TP53 stability and transcriptional activity (PubMed:22644376). May also promote XRCC6 acetylation thus facilitating cell apoptosis in response to DNA damage (PubMed:22644376).
{ECO:0000250|UniProtKB:Q8CHV6, ECO:0000269|PubMed:19103755, ECO:0000269|PubMed:22644376}.

Molecular Weight: 51.5 kDa

UniProt: [O75478](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
