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Product datasheet for PH301082

TADA3L (TADA3) (NM_133480) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TADA3 MS Standard C13 and N15-labeled recombinant protein (NP_597814)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201082
Predicted MW:	41.4 kDa
Protein Sequence:	>RC201082 protein sequence Red=Cloning site Green=Tags(s) MSELKDCPLQFHDFKSVDHLKVCPRYTAVLARSEDDGIGIEELDTLQLELETLLSSASRRLRVLEAETQI LTDWQDKKGDRRFLKLGRDHELGAPPKHGKPKKQKLEGKAGHGPGPGPGRPKSKNLQPKIQEYEFTDDPI DVPRIPKNDAPNRFWASVEPYCADITSEEVRTLEELLKPPEDEAEHYKIPPLGKHYSQRWAQEDLLEEQK DGARAAAVADKKKGLMGPLTELDTKDVDALLKKSEAQHEQPEDGCPFGALTQRLLQALVEENIISPMEDS PIPDMSGKESGADGASTSPRNQNKPFSVPHTKSLESRIKEELIAQGLLESEDRPAEDSEDEVLAELRKRQ AELKALSAHNRTKKHDLLR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_597814
RefSeq Size:	2846
RefSeq ORF:	1107
Synonyms:	ADA3; hADA3; NGG1; STAF54; TADA3L
Locus ID:	10474

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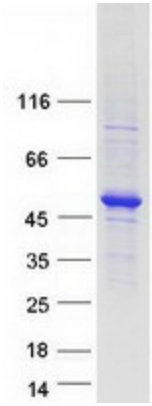
UniProt ID: O75528, A0A024R2D7, A8K899

Cytogenetics: 3p25.3

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:



Coomassie blue staining of purified TADA3 protein (Cat# [TP301082]). The protein was produced from HEK293T cells transfected with TADA3 cDNA clone (Cat# [RC201082]) using MegaTran 2.0 (Cat# [TT210002]).