Recombinant Human TADA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TADA3-5728H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TADA3 MS Standard C13 and N15-labeled recombinant protein (NP_597814) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.4 kDa
AA Sequence	MSELKDCPLQFHDFKSVDHLKVCPRYTAVLARSEDDGIGIEELDTLQLELETLLSSAS RRLRVLEAETQILTDWQDKKGDRRFLKLGRDHELGAPPKHGKPKKQKLEGKAGHG

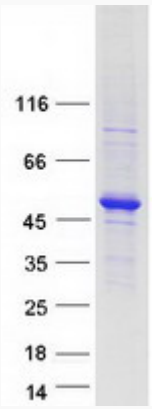
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	PGPGPGRPKSKNLQPKIQEYEFTDDPIDVPRIPKNDAPNRFWASVEPYCADITSEEV RTLEELLKPPEDEAEHYKIPPLGKHYSQRWAQEDLLEEQKDGARAAAVADKKKGLM GPLTELDTKDVDALLKKSEAQHEQPEDGCPFGALTQRLLQALVEENIISPMEDSPIPD MSGKESGADGASTSPRNQNKPFSVPHTKSLESRIKEELIAQGLLESEDRPAEDSEDE VLAELRKRQAELKALSAHNRTKKHDLLRTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TADA3 transcriptional adaptor 3 [Homo sapiens (human)]
Official Symbol	TADA3
Synonyms	TADA3; transcriptional adaptor 3; TADA3L, transcriptional adaptor 3 (NGG1 homolog, yeast) like; transcriptional adapter 3; ADA3; FLJ20221; FLJ21329; hADA3; NGG1; STAF54; ADA3 homolog; ADA3-like protein; TADA3L;
Gene ID	10474
mRNA Refseq	NM_133480

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Protein Refseq	NP_597814
MIM	602945
UniProt ID	O75528
SDS-PAGE	

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