

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

Cat. No. TADA3-5694H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TADA3 MS Standard C13 and N15-labeled recombinant protein (NP_006345) 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	48.9 kDa
AA Sequence	MSELKDCPLQFHDFKSVDHLKVCPRYTAVLARSEDGIGIEELDTLQLELETLLSSAS RRLRVLEAETQILTDWQDKKGDRRFLKLGRDHGAPPKHGKPKKQKLEGKAGHG

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PGPGPGRPKSKNLQPKIQEYEFTDDPIDVPRIPKNDAPNRFWASVEPYCADITSEEV
 RTLEELLKPPEDAEHYKIPPLGKHYSQRWAQEDLLEEQKDGARAAVADKKKGLM
 GPLTELDTKDVDALLKKSEAQHEQPEDGCPFGALTQRLLQALVEENIISPMEDSPIPD
 MSGKESGADGASTSPRNQNKPFVPHTKSLESRIKEELIAQGLLESEDRPAEDSEDE
 VLAELRKRQAEKALSAHNRTKKHDLRLAKEEVSRQELRQVRMADNEVMDAFRK
 IMAARQKKRTPTKKEKDQAWKTLKERESILKLLDGTRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

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

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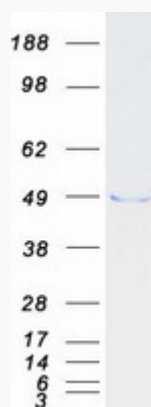
mRNA Refseq NM_006354

Protein Refseq NP_006345

MIM 602945

UniProt ID O75528

SDS-PAGE



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