

## Product datasheet for **TP301082L**

### **TADA3L (TADA3) (NM\_133480) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human transcriptional adaptor 3 (NGG1 homolog, yeast)-like (TADA3L), transcript variant 2, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC201082 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSELKDCPLQFHDFKSV DHLKVCPRYTAVLARSEDDGIGIEELDTLQLELETLSSASRRLRVLEAETQI  
LTDWQDKKGD RRFLKLRDHEL GAPPKHGKPKKQKLEGKAGHGPGPGPRPKSKNLQPKIQEYEFTDDPI  
DVPRIPKNDAPNRFWASVEPYCADITSEEVRTLEELLKPPEDA EAHYKIPPLGKHYSQRWAQEDLLEEQK  
DGARAAAVADKKKGLMGPLTELDTKDVDALLKSEAQHEQPEDGCPFGALTQ RLLQALVEENIISP MEDS  
PIPDMSGKESGADGASTSPRNQNKPFVSPHTKSLESRIKEELIAQGLLESEDRPAEDSEDEVLAE LRK RQ  
AELKALSAHNRTKKHDL LR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 41.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_597814](#)



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Locus ID: 10474

UniProt ID: [O75528](#), [A0A024R2D7](#), [A8K899](#)

RefSeq Size: 2846

Cytogenetics: 3p25.3

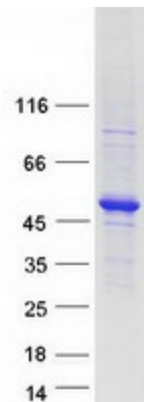
RefSeq ORF: 1107

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:



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]).