

Recombinant Human TADA3, His-tagged

Cat. No. TADA3-30934TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 87-432 of Human TADA3L with N terminal His tag. Predicted MWt 40 kDa;
Species	Human
Source	E.coli
ProteinLength	87-432 a.a.
Description	Many DNA-binding transcriptional activator proteins enhance the initiation rate of RNA polymerase II-mediated gene transcription by interacting functionally with the general transcription machinery bound at the basal promoter. Adaptor proteins are usually required for this activation, possibly to acetylate and destabilize nucleosomes, thereby relieving chromatin constraints at the promoter. The protein encoded by this gene is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. In addition, it associates with the tumor suppressor protein p53 and is required for full activity of p53 and p53-mediated apoptosis. At least four alternatively spliced variants have been found for this gene, but the full-length nature of some variants has not been determined.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 54 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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phosphate, 10mM Sodium chloride, pH 4.5

Storage

Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Sequences of amino acids

GRDHELGAPPKHGKPKKQKLEGKAGHGPGPGPRPKSKNL QPKIQEYEFTDDPID
VPRIPKNDAPNRFWASVEPYCAD ITSEEVRTLEELLKPPEDAEHYKIPPLGKHYSQ
RWAQ EDLLEEQKDGARAAVADKKKGLMGPLTELDTKDVDAL LKKSEAQHEQPE
DGCPCFGALTQRLQLALVEENIISPME DSPIPDMSGKESGADGASTSPRNQNKPFVS
PHTKSLES RIKEELIAQGLLESEDPAEDSEDEVLAELRKRQAEKLSAHLNRTKKH
DLLRLAKEEVSRQELRQVRMADNEVM DAFRKIMAAARQKKRTPTKKEKDQAWKTL
KERESILKLL DG

GENE INFORMATION

Gene Name

TADA3 transcriptional adaptor 3 [Homo sapiens]

Official Symbol

TADA3

Synonyms

TADA3; transcriptional adaptor 3; TADA3L, transcriptional adaptor 3 (NGG1 homolog, yeast) like; transcriptional adapter 3; ADA3; FLJ20221; FLJ21329; hADA3; NGG1;

Gene ID

10474

mRNA Refseq

NM_006354

Protein Refseq

NP_006345

MIM

602945

Uniprot ID

O75528

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Chromosome Location	3p25.3
Function	contributes_to histone acetyltransferase activity; ligand-dependent nuclear receptor binding; ligand-dependent nuclear receptor transcription coactivator activity; protein binding; protein domain specific binding;

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