

Recombinant human TADA3 protein

Catalog Number: ATGP2312

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-432aa

UniProt No.

O75528

NCBI Accession No.

NP_006345

Alternative Names

Transcriptional adapter 3 isoform a, Transcriptional adapter 3 isoform a, ADA3, hADA3, NGG1, TADA3L

PRODUCT SPECIFICATION

Molecular Weight

51.3 kDa (455aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Transcriptional adapter 3 isoform a, also known as TATD3, is a subunit of 2 histone acetyltransferase complexes. TATD3 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. Recombinant human TATD3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMSELKDC PLQFHDFKSV DHLKVCPRYT AVLARSEDDG IGIEELDTLQ LELETLLSSA
SRRLRVLEAE TQILTDWQDK KGDRRFLKLG RDHELGAPPK HGKPKKQKLE GKAGHGPGPG PGRPCKSKNLQ PKIQEYEFTD
DPIDVPRIPK NDAPNRFWAS VEPYCADITS EEVRTLEELL KPPEDEAEHY KIPPLGKHYS QRWAQEDLLE EQKDGARAAA
VADKKKGLMG PLTELDTKDV DALLKSEAQ HEQPEDGCPF GALTQRLLQA LVEENIISPM EDSPIDMSG KESGADGAST
SPRNQNKPFV VPHTKSLESR IKEELIAQGL LESEDRPAED SEDEVLAELR KRQAEKALS AHNRTKKHDL LRLAKEEVS
QELRQVRMA DNEVMDAFRK IMAARQKKRT PTKKEKDQAW KTLKERESIL KLLDG

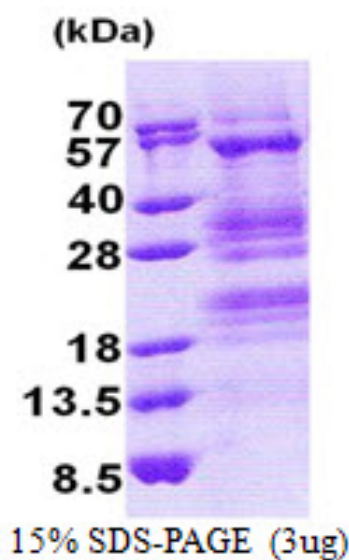
General References

Li CW., et al. (2010) Nucleic Acids Res. 38(16):5291-303.

Hu Y., et al. (2009) Cancer Invest. 27(3):298-306.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.