



# Recombinant Human Transcriptional adapter 3 (TADA3)

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| <b>Product Code</b>      | CSB-EP023075HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | O75528   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MSELKDCPLQ FHDFKSVDHL KVCPRYTAVL ARSEDDGIGI EELDTLQLEL<br>ETLLSSASRR LRVLEAETQI LTDWQDKKGD RRFLKLGRDH ELGAPPKHGK<br>PKKQKLEGKA GHGPGPGPGR PKSKNLQPKI QEYFTDDPI DVPRIPKND<br>PNRFWASVEP YCADITSEEV RTLEELLKPP EDEAEHYKIP PLGKHYSQRW<br>AQEDLLEEQK DGARAAAVAD KKKGLMGPLT ELDTKDVDAL LKKSEAQHEQ<br>PEDGCPFGAL TQRLLQALVE ENIISPMEDS PIPDMSGKES GADGASTSPR<br>NQNKPFVPH TKSLESRIKE ELIAQGLLES EDRPAEDSED EVLAELRKRQ<br>AELKALSAHN RTKKHDLRL AKEEVSRQEL RQRVRMADNE VMDAFRKIMA<br>ARQKKRTPTK KEKDQAWKTL KERESILKLL DG  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | TADA3  |
| <b>Protein Names</b>     | Recommended name: Transcriptional adapter 3 Alternative name(s): ADA3<br>homolog Short name= hADA3 STAF54 Transcriptional adapter 3-like Short<br>name= ADA3-like protein  |
| <b>Expression Region</b> | 1-432  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full length protein  |
| <b>Target Details</b>    | Many DNA-binding transcriptional activator proteins enhance the initiation rate<br>of RNA polymerase II-mediated gene transcription by interacting functionally<br>with the general transcription machinery bound at the basal promoter. Adaptor<br>proteins are usually required for this activation, possibly to acetylate and<br>destabilize nucleosomes, thereby relieving chromatin constraints at the<br>promoter. This protein is a transcriptional activator adaptor and has been found<br>to be part of the PCAF histone acetylase complex. In addition, it associates with<br>the tumor suppressor protein p53 and is required for full activity of p53 and p53-<br>mediated apoptosis. At least four alternatively spliced variants have been found<br>for this gene, but the full-length nature of some variants has not been<br>determined. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the   |



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.