



# Recombinant Human Tumor necrosis factor alpha-induced protein 3 (TNFAIP3)

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| <b>Product Code</b>      | CSB-YP023958HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P21580   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | <p>AEQVLPQAL YLSNMRKAVK IRERTPEDIF KPTNGIIHHF KTMHRYTLEM<br/>           FRTCQFCPQF REIIHKALID RNIQATLESQ KKLNWCREVR KLVALKTNGD<br/>           GNCLMHATSQ YMWGVQDSDL VLRKALFSTL KETDTRNFKF RWQLESLSKSQ<br/>           EFVETGLCYD TRNWNDEWDN LIKMASTDTP MARSGLQYNS LEEIHIFVLC<br/>           NILRRPIIVI SDKMLRSLES GSNFAPLKV GGIYLPLHWP A QECYRYPIVL<br/>           GYDSHHFVPL VTLKDSGPEI RAVPLVNRDR GRFEDLKVHF LTDPENEMKE<br/>           KLLKEYLMVI EIPVQGWDHG TTHLINA AKL DEANLPKEIN LVDDYFELVQ<br/>           HEYKKWQENS EQGRREGHAQ NPMEPSVPQL SLMDVKCETP<br/>           NCPFFMSVNT QPLCHECSER RQKNQNKLPK LNSKPGPEGL<br/>           PGMALGASRG EAYEPLAWN P EESTGGPHSA PPTAPSPFLF SETTAMKCRS<br/>           PGC PFTLVNQ HNGFCERCHN ARQLHASHAP DHTRHLDPGK<br/>           CQAQLQDVTR TFNGICSTCF KRTTAEASSS LSTSLPPSCH QRSKSDPSRL<br/>           VRSPSPHSCH RAGNDAPAGC LSQAARTPGD RTGT SKCRKA<br/>           GCVYFGTPEN KGFCTLCFIE YRENKHFAAA SGKVSPTASR FQNTIPCLGR<br/>           ECGTLGSTM F EGYCQKCFIE AQNQR FHEAK RTEEQLRSSQ RRDVPRTTQS<br/>           TSRPKCARAS CKNILACRSE ELCMECQHPN QRMGPGAHRG<br/>           EPAPEDPPKQ RCRAPACDHF GNAKCNGYCN ECFQFKQMYG</p> |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | TNFAIP3  |
| <b>Protein Names</b>     | Recommended name: Tumor necrosis factor alpha-induced protein 3 Short name= TNF alpha-induced protein 3 EC= 3.4.19.12 EC= 6.3.2.- Alternative name(s): OTU domain-containing protein 7C Putative DNA-binding protein A20 Z   |
| <b>Expression Region</b> | 2-790  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 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 of Mature Protein  |
| <b>Target Details</b>    | This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). This protein is a zinc finger protein, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. Knockout studies of a similar gene in mice suggested that this gene is critical for   |



limiting inflammation by terminating TNF-induced NF-kappa B responses.

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**Reconstitution**

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.

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**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.