

Product datasheet for TP321337M

TNFAIP3 (NM_006290) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC221337 representing NM_006290
Red=Cloning site Green=Tags(s)

MAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKTMHRYTLEMFRTCQFCPQFREIIHKALID
 RNIQATLESQKKNWCREVRKLVALKTNGDGNCLMHATSQYMWGVQDTDLVLRKALFSTLKETDTRNFKF
 RWQLESLSKSQEFVETGLCYDTRNWNDEWDNLIKMASTDTPMARSGLQYNSLEEIHFVLCNILRRPIVI
 SDKMLRSLESGSNFAPLKVGGIYPLHWPAQECYRPIVLGYDSHHFVPLVTLKDSGPEIRAVPLVNRDR
 GRFEDLVHFLTDPENEMKEKLLKEYLMVIEIPVQGDHGTTHLINAAKLDEANLPKEINLVDDYFELVQ
 HEYKKWQENSEQGRREGHAQNPMEPSVPQLSLMDVKCETPNCPFFMSVNTQPLCHECSERRQKNQNKLPK
 LNSKPGPEGLPGMALGASRGEAYEPLAWNPEESTGGPHSAPPTASPFLFSETTAMKCRSPGCPFTLNQV
 HNGFCERCHNARQLHASHAPDHRHLDPGKCAQLQDVTRTFNGICSTCFKRRTAEASSLSLSTLPPSCH
 QRSKSDPSRLVRSPPHSCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAGCVYFGTPENKGFCTLCFIE
 YRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEGYCQKCFIEAQNRHFHEAKRTEEQLRSSQ
 RRDVPRTTQSTSRPKCARASCKNILACRSEELCMQCQHPNQRMGPGGAHRGEPAPEDPPKQRCRAPACDHF
 GNAKNGYCNCECFQFKQMYG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 89.4 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.



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|--------------------------|---|
| 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_006281 |
| Locus ID: | 7128 |
| UniProt ID: | P21580 |
| RefSeq Size: | 4705 |
| Cytogenetics: | 6q23.3 |
| RefSeq ORF: | 2370 |
| Synonyms: | A20; AISBL; OTUD7C; TNFA1P2 |
| Summary: | This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012] |
| Protein Families: | Druggable Genome |
| Protein Pathways: | NOD-like receptor signaling pathway |

Product images:



Coomassie blue staining of purified TNFAIP3 protein (Cat# [TP321337]). The protein was produced from HEK293T cells transfected with TNFAIP3 cDNA clone (Cat# [RC221337]) using MegaTran 2.0 (Cat# [TT210002]).