

Product datasheet for PH321337

OriGene Technologies, Inc.

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TNFAIP3 (NM 006290) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

TNFAIP3 MS Standard C13 and N15-labeled recombinant protein (NP_006281) **Description:**

Species: Human **HEK293 Expression Host: Expression cDNA Clone**

or AA Sequence:

RC221337

Predicted MW: 90.1 kDa

>RC221337 representing NM_006290 **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKTMHRYTLEMFRTCQFCPQFREIIHKALID RNIQATLESQKKLNWCREVRKLVALKTNGDGNCLMHATSQYMWGVQDTDLVLRKALFSTLKETDTRNFKF RWQLESLKSQEFVETGLCYDTRNWNDEWDNLIKMASTDTPMARSGLQYNSLEEIHIFVLCNILRRPIIVI SDKMLRSLESGSNFAPLKVGGIYLPLHWPAQECYRYPIVLGYDSHHFVPLVTLKDSGPEIRAVPLVNRDR GRFEDLKVHFLTDPENEMKEKLLKEYLMVIEIPVQGWDHGTTHLINAAKLDEANLPKEINLVDDYFELVQ HEYKKWQENSEQGRREGHAQNPMEPSVPQLSLMDVKCETPNCPFFMSVNTQPLCHECSERRQKNQNKLPK LNSKPGPEGLPGMALGASRGEAYEPLAWNPEESTGGPHSAPPTAPSPFLFSETTAMKCRSPGCPFTLNVQ HNGFCERCHNARQLHASHAPDHTRHLDPGKCQACLQDVTRTFNGICSTCFKRTTAEASSSLSTSLPPSCH QRSKSDPSRLVRSPSPHSCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAGCVYFGTPENKGFCTLCFIE YRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEGYCQKCFIEAQNQRFHEAKRTEEQLRSSQ RRDVPRTTQSTSRPKCARASCKNILACRSEELCMECQHPNQRMGPGAHRGEPAPEDPPKQRCRAPACDHF

GNAKCNGYCNECFQFKQMYG

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

C-Myc/DDK Tag:

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

>0.05 µg/µL as determined by microplate BCA method **Concentration:**

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 006281





RefSeq Size: 4705

RefSeq ORF: 2370

Synonyms: A20; AISBL; OTUD7C; TNFA1P2

Locus ID: 7128 **UniProt ID:** P21580 Cytogenetics: 6q23.3

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 ubiqitin-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

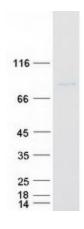
transcript variants encoding the same protein have been found for this gene. [provided by

RefSeq, Jul 2012]

Druggable Genome **Protein Families:**

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]).