

Product datasheet for PH321337

TNFAIP3 (NM_006290) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNFAIP3 MS Standard C13 and N15-labeled recombinant protein (NP_006281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221337
Predicted MW:	90.1 kDa
Protein Sequence:	>RC221337 representing NM_006290 Red=Cloning site Green=Tags(s)

MAEQVLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKTMHRYTLEMFRTCQFCPQFREIIHKALID
RNIQATLESQKKLNWCREVRLVALKTNGDGNCLMHATSQYMWGVQDSDLVLRKALFSTLKETDTRNFKF
RWQLESLSQSEFVETGLCYDTRNWNDEWNLIKMASTDTPMARSGLQYNSLEEIHFVLCNILRRPIIVI
SDKMLRSLESGSNFAPLKVGGIYLPLHHPAQECYRYPIVLGYDSHHFVPLVTLKDSGPEIRAVPLVNRDR
GRFEDLKVHFLTDPENEMKEKLLKEYLMVIEIPVQGDHGTTHLINAAKLDEANLPKEINLVDDYFELVQ
HEYKKWQENSEQRRREGHAQNPMEPSVPQLSLMDVKCETPNCPFFMSVNTQPLCHECSERRQKNQNLPK
LNSKPGPEGLPGMALGASRGEAYEPLAWNPEESTGGPHSAPPTAPSPFLFSETTAMKCRSPGCPFTLNVQ
HNGFCERCHNARQLHASHAPDHRHLDPGKCQACLQDVTRTFNGICSTCFKRTTAEASSLSTSLPPSCH
QRSKSDPSRLVRSPPHSHRAGNDAPAGCLSQARTPGDRTGTSKCRKAGCVYFGTPEKGFCTLCFIE
YRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEQYKQCFIEAQNRFFHEAKRTEEQLRSSQ
RRDVPRTTQSTSRPKCARASCKNILACRSEELCMEQHPNQRMGPGAHRGEPAPEDPPKQRCRAPACDHF
GNAKCNQYCNECFQFKQMYG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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



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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 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]).