

Product datasheet for RN203253

Tnfaip8l2 (NM_001014039) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfaip8l2 (NM_001014039) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnfaip8l2
Synonyms:	RGD1310519
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203253 representing NM_001014039 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCTTCAGCTCAAAGAGTCTGGCACTACAAGCGGAGAAGAAGCTGCTGAGTAAATGGCTGGTC
GGTCCGTGGCGCATCTTTATCGATGAGACTAGCAGCGAGGTGCTAGACGAGCTTTACCGCTCTCCAA
AGAATACACGCACAGCCGGTCCAAGGCACAACGGGTGATCAAAGACCTCATCAAGGTGGCCGTCAAGGTG
GCGGTGCTGCACCGCAGTGGCTGCTTTAGCCCTGGGAGCTGGCTCTGGCTACACGATTTGCCAGAAGC
TGCGGCAGGGTGCATGACTGCACTTAGCTTTGGTGAGGTGGACTTACCTTTGAGCTGCTGTGCTAGC
AGGTCTGCTCATCGAGTCCCGGAGATTCTGCTGGAGCTGGTGGAGCACCACCTCACACCAAGTCACAT
GACCGCATCAGACACGTGTTGATCACTACTCTGACCCTGACCTGCTGACTGCCCTCTACGGGCCCGACT
TCACTCAGCACCTTGACAAGATCTGTGATGGGCTCCGGAAGCTTCTAGACGAGGGGAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001014039
Insert Size:	555 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001014039.1, NP_001014061.1</u>
RefSeq Size:	1433 bp
RefSeq ORF:	555 bp
Locus ID:	310663
UniProt ID:	<u>Q6AYJ8</u>
Cytogenetics:	2q34
Gene Summary:	Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis. Negative regulator of Toll-like receptor and T-cell receptor function. Prevents hyperresponsiveness of the immune system and maintains immune homeostasis. Inhibits JUN/AP1 and NF-kappa-B activation. Promotes Fas-induced apoptosis (By similarity). [UniProtKB/Swiss-Prot Function]