

Product datasheet for RC203912

TNFAIP8L1 (NM_152362) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNFAIP8L1 (NM_152362) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TNFAIP8L1
Synonyms:	TIPE1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203912 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGACACCTTCAGCACCAAGAGCCTGGCTCTGCAGGCGCAGAAGAAGCTCCTGAGTAAGATGGCGTCCA
 AGGCAGTGGTGGCCGTGCTGGTGGATGACACCAGCAGTGAGGTGCTGGATGAGCTGTACCGCGCCACCAG
 GGAGTTCACGCGCAGCCGAAGGAGGCCAGAAGATGCTCAAGAACCTGGTCAAGGTGGCCCTGAAGCTG
 GGACTGCTGCTGCGTGGGACCAGCTGGGCGGTGAGGAGCTGGCGCTGCTGCGGCGCTTCCGCCACCGGG
 CGCGCTGCCTGGCCATGACGGCCGTGAGCTTCCACCAGGTGGACTTCACCTTCGACCGGCGCGTGTGGC
 CGTCGGGCTGCTCGAGTGCCGCGACCTGCTGCACCAGGCCGTGGGTCCCCACCTGACCGCCAAGTCCCAC
 GGCCGCATCAACCACGTGTTCCGCCACCTAGCCGACTGCGACTTCCTGGCTGCGCTCTACGGCCCCGCCG
 AGCCCTACCGCTCCCACCTGCGCAGGATCTGCGAGGCCCTGGGCCGGATGCTGGACGAGGGCAGCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203912 protein sequence Red=Cloning site Green=Tags(s)
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MDTFSTKSLALQAQKKLLSKMASKAVVAVLVDDTSSEVLDEL YRATREFTRSRKEAQKMLKNLVKVALKL
 GLLLRGDLGGEELALLRRFRHRARCLAMTAVSFHQVDFTFDRRLAVGLLECRDLLHQAVGPHL TAKSH
 GRINHVFGHLADCDFLAALYGPAEPYRSHLRRIEGLGRMLDEGSL

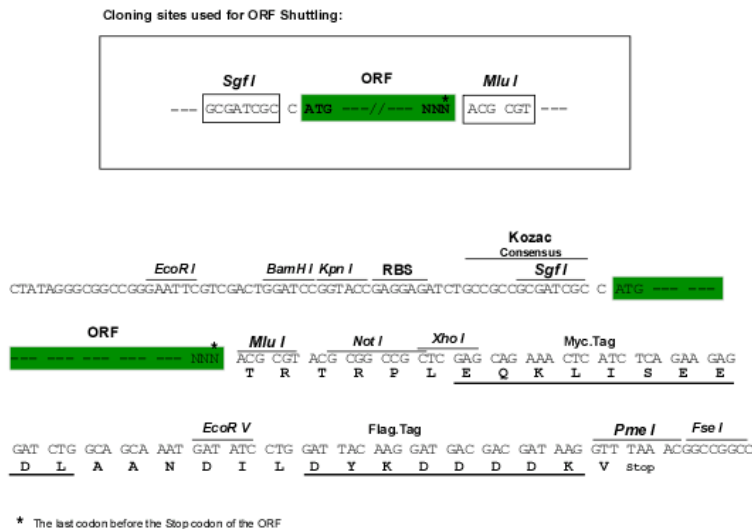
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/mk6309_e01.zip
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[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152362

ORF Size: 558 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

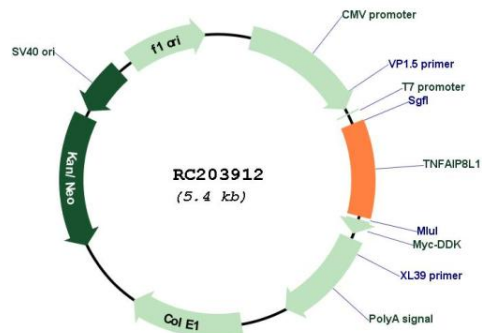
RefSeq: [NM_152362.1](#), [NP_689575.1](#)

RefSeq Size: 3817 bp

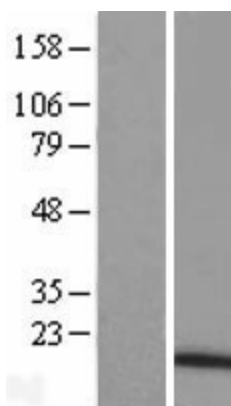
RefSeq ORF: 561 bp

Locus ID: 126282
UniProt ID: [Q8WVP5](#)
Cytogenetics: 19p13.3
MW: 20.9 kDa
Gene Summary: Acts as a negative regulator of mTOR activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC203912



Western blot validation of overexpression lysate (Cat# [LY407612]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203912 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).