

Product datasheet for **MC213203**

Tnfaip8l3 (NM_001033535) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfaip8l3 (NM_001033535) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnfaip8l3
Synonyms: 9930029P06Rik; Gm517
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213203 representing NM_001033535
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATTCAGATTCTGGAGAGCAGAGCGAGGGCGAGCCCGGGACTGCTGCAGGTCTCATGTGTTTAGTT
CCAAGAATCTCGCCCTTCAAGCCCAGAAGAAGATCCTGAGCAAGATAGCCAGCAAACACTGTGGCCAACAT
GCTGATTGATGACACCAGCAGTGAATCTTTGATGAGCTGTACAAAGTCACAGAAATACACCCACAAC
AAGAAGGAGGCCACAAGATCATGAAGGATGCTATCAAGGTGGCAATCAAATTGGCATTCTCTACCGGA
ACAAACAGTTTCAGTCAAGAGGAGTTATAATTGTGGAGAACTCCGGAAGAACTGAACCAGACTGCGAT
GACCATGGTCAGCTTCTACGAAGTAGAGTATACCTTTGATACGAATGTGCTCTCTAAGCTTCTGCATGAG
TGCAAGGACCTGGTACATGAAGTGGTACAGCGACACTTGACACCCAGAACCATGGACGCATAAACCATG
TCTTCAACCACCTTGTGATGTGGAATTCCTTTCCACTCTCTATGGTCCGCATGGAACTGCAGGCCAA
TCTCAAGAGGATTTGCGAAGGAATCAATAAATTGTTAGACGACAAGATCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033535
Insert Size: 615 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_001033535.3, NP_001028707.1</u>
RefSeq Size:	2225 bp
RefSeq ORF:	615 bp
Locus ID:	244882
UniProt ID:	<u>Q3TBL6</u>
Cytogenetics:	9 A5.3
Gene Summary:	Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- bisphosphate and phosphatidylinositol 3,4,5- trisphosphate and increases their levels in the plasma membrane. Additionally, may also function as a lipid-presenting protein to enhance the activity of the PI3K-AKT and MEK-ERK pathways. May act as a regulator of tumorigenesis through its activation of phospholipid signaling.[UniProtKB/Swiss-Prot Function]