

Product datasheet for **MG206410**

Tnfsf12 (BC096441) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfsf12 (BC096441) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tnfsf12
Synonyms:	Tnfsf12-Tnfsf13; Tnfsf12Tnfsf13; Tnfsf12tnfsf13; Twe-pril
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206410 representing BC096441 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGCCCGTCGGAGCCAGAGCGGAGGGGGCGCCGGGGGAGCCGGGCACCGCCCTGCTGGCCCCG
TGGTGCTGAGCCTGGGCCTGGCCTGCCTTGGCTCCTGCTGGTCTGTCAGCCTGGGAGCTG
GGCAACGCTGTCTGCCAGGAGCCTTCTCAGGAGGAGCTGACAGCAGAGGACCGCCGGGAGCCCCGTGAA
CTGAATCCCAGACAGAGAAAGCCAGGATGTGGTACCTTCTTGAACAACCTAGTCCGGCCTCGAAGAA
GTGCTCCTAAAGCCGGAAGGCGCGCCCTCGCCGAGCTATTGCAGCCATTATGAGGTTTCATCCTCGGCC
AGGACAGGATGGAGCACAAAGCAGGTGTGGATGGGACAGTGAAGGCTGGGAAGAGACCAAAATCAACAGC
TCCAGCCCTCTGCGCTACGACCGCCAGATTGGGAATTTACAGTCATCAGGGCTGGGCTCTACTACCTGT
ACTGTGAGGTCACCTTTGATGAGGGAAAGGCTGTCTACCTGAAGCTGGACTTGCTGGTGAACGGTGTGCT
GGCCCTGCGCTGCCTGGAAGAAATTCAGCCACAGCAGCAAGCTCTCCTGGGCCCCAGCTCCGTTTGTG
CAGACAGAGCTGCAAAGCCTAAGGCGGGAGGTGAGCCGGCTGCAGCGGAGTGGAGGGCCTCCCAGAAGC
AGGGAGAGCGCCATGGCAGAGCCTCTGGGAGCAGAGTCTGATGTCCTGGAAGCCTGGAAGGATGGGGC
GAAATCTCGGAGAAGGAGAGCAGTACTACCCAGAAGCACAAGAAGAAGCACTCAGTCTGCATCTTGT
CCAGTTAACATTACCTCAAGGACTCTGACGTGACAGAGGTGATGTGGCAACCAGTACTTAGCCGTGGGA
GAGGCCTGGAGGCCAGGGAGACATTGTACGAGTCTGGGACACTGGAATTTATCTGCTCTATAGTCAGGT
CCTGTTTCATGATGTGACTTTCACAATGGGTGAGGTGATCTCGGGAAGGACAAGGGAGAAGAGAACT
CTATTCGATGTATCAGAAGTATGCCTTCTGATCCTGACCGTGCCTACAATAGCTGCTACAGTGCAGGTG
TCTTTTACATCAAGGGATATTACTACTGTCAAATTCACGGGCAACGCAAACTTAGCCTTTT
TCCGATGGAACATTCTGGGTTTGTGAAACTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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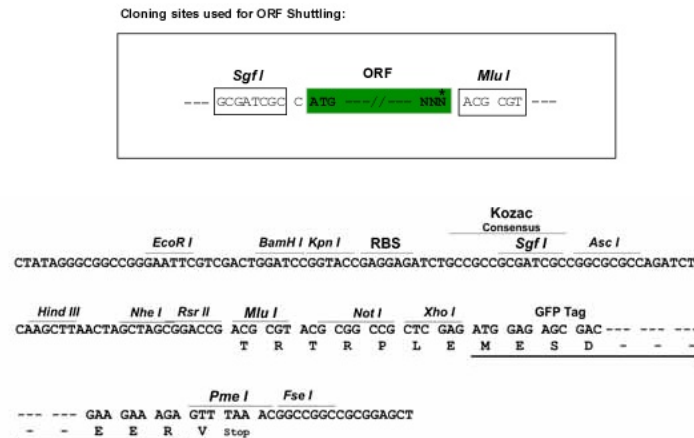
Protein Sequence: >MG206410 representing BC096441
 Red=Cloning site Green=Tags(s)

MAARRSQRRRGRGEPGTALLAPLVLSLGLALACLGLLL VVVSLGSWATLSAQEPSQEELTAEDRREPPE
 LNPQTEESQDVPFLEQLVRPRRSAPKGRKARPRRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEETKINS
 SSPLRYDRQIGEF TVIRAGLYLYCQVHFDEGKAVYLLKDLLVNGVLALRCL EEF SATAAASSPGPQLRLC
 QTELQSLRREVSRLQRSGGPSQKQGERPWQSLWEQSPDVLEAWKDGAKSRRRRAVL TQKHKKKHSVLHLV
 PVNITSKDSDVTEVMWQPVLRRGRGLEAQGDIVRVWDTGIYLLYSQVLFHDVTF TMGQVVSREGQGRRET
 LFR CIRSMPSDPDRAYNSCYSAGVFHLHQDIIITVKIPRANAKLSLSPHGTF LFGFVKL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC096441

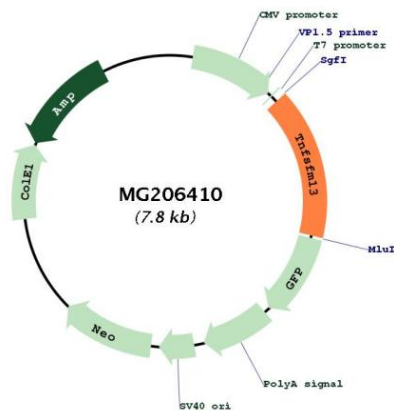
ORF Size: 1226 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<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>BC096441, AAH96441</u>
RefSeq Size:	1511 bp
RefSeq ORF:	1226 bp
Locus ID:	619441
Cytogenetics:	11 B3
Gene Summary:	This gene represents read-through transcription between neighboring genes encoding tumor necrosis factor family members. This results a hybrid protein composed of the cytoplasmic and transmembrane domains of family member 12 fused to the C-terminal domain of family member 13. The homologous fusion protein in human is known to be membrane-anchored and presents the receptor-binding domain of family member 13 at the cell surface. It stimulates cycling in T- and B-lymphoma cell lines. Alternative splicing of this mouse gene results in multiple transcript variants. [provided by RefSeq, Oct 2010]

Product images:


Circular map for MG206410