

Product datasheet for MR203224

Tnfsf15 (NM_177371) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfsf15 (NM_177371) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfsf15
Synonyms:	Tl1; Tl1a; Tnlg1b; Vegi
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203224 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC

ATGGCAGAGGAGCTGGGGTTGGGCTTCGGAGAAGGAGTCCCAGTGGAAAGTCTGCCGGAAGGCTGTAGACACAGGCCAGAGGCCAGGGCCGGGCTAGCTGCCAGGAGCAAAGCCTGCCTGGCTCTCACCTGCTGCCTGTTGTCATTTCCCATCCTCGCAGGACTTAGCACCTCCTAATGGCTGGCCAGCTCCGGTCCCGGAAAAGACTGTATGCTTCGGGCCATAACAGAAGAGAGATCTGAGCCTTACCACAGCAAGTTTACTCACCTCCCAGAGCAAGCCGAGAGCACACCTGACAATTAAGAAACAACCCAGCACCACATCTGAAAAATCAGCTCTCTGCTTACTACTGGGAACATGACCTAGGGATGGCCTTACCAAGAACGGGATGAAGTACATCAACAAATCCCTGTGATCCCAGAGTCAGGAGACTATTTACTACTCCCAGATCACATTCCGAGGGACCACATCTGTGTGTGTGACATCAGTCGGGGGAGACGACCAACAAGCCAGACTCCATCACCATGGTTATCACCAAGGTAGCAGACAGCTACCCTGAGCCTGCCCGCTACTAACAGGGTCCAAGTCTGTGTGTGAAATAAGCAACAAGTGGTTCAGTCCCTCTACCTTGGGGCCAGTTCTCCTTGGAGAAGGAGACAGACTAATGGTAAACGTCAAGTACATCTCCTTGGTGGATTACACAAAAGAAGATAAACTTTCTTTGGAGCTTTCTTGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203224 protein sequence
 Red=Cloning site Green=Tags(s)

MAEELGLFGGEGVPVEVLPEGCRHRPEARAGLAARSKACLALTCCLLSPFILAGLSTLLMAGQLRVPKGD
 CMLRAITEERSESPQQVYSPPRGKPAHLTIKKQTPAPHLKNQLSALHWEHDLGMAFTKNGMKYINKSL
 VIPESGDYFIYSQITFRGTTSVCGDISRGRPNKPDSTITMVIKTVADSYPEPARLLTGSKSVCEISNNWF
 QSLYLGATFSL EEGDRLMVNVDISLVDYTKEDKTFFGAFLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_177371

ORF Size: 759 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.

RefSeq: [NM_177371.4](#)

RefSeq Size: 5828 bp

RefSeq ORF: 813 bp

Locus ID: 326623

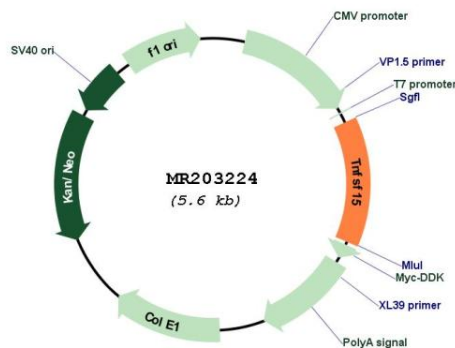
UniProt ID: [Q5UBV8](#)

Cytogenetics: 4 C1

MW: 27.7 kDa

Gene Summary: Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis (By similarity). Promotes splenocyte alloactivation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203224