

Product datasheet for MR225324

Tnfrsf19 (NM_001164155) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf19 (NM_001164155) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfrsf19
Synonyms:	AL023044; AW123854; TAJ; TAJ-ALPHA; TRADE; Troy
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225324 representing NM_001164155 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACTCAAGGTCCTACCTCTACACAGGACGGTGCTCTTCGCTGCCATTCTCTTCTACTCCACCTGG
CATGTAAGTGAGTTGCGAAACCGGAGATTGCAGGCAGCAGGAATTAAGGATCGATCTGGAACCTGTGT
CCTCTGCAAACAGTGGGACCTGGCATGGAGTTGTCCAAGGAATGTGGCTTCGGCTATGGGGAGGATGCA
CAGTGTGTGCCCTGCAGGCCGACCCGGTCAAGGAAGACTGGGGTTCCAGAAGTGAAGCCATGTGCGG
ACTGTGCGCTGGTGAACCGCTTTCAGAGGGCCAACTGCTCACACACCAGTGATGTGTCTGCGGGGACTG
CCTGCCAGGATTTTACCGGAAGACCAAACCTGGTTGGTTTTCAAGACATGGAGTGTGTGCCCTGCGGAGAC
CCACCTCCTCCCTACGAACCACACTGTACCAGCAAGGTGAACCTTGTGAAGATCTCCTCCACCGTCTCCA
GCCCTCGGGACACGGCGCTGGCTGCCGTCATCTGCAGTGCTCTGGCCACGGTGTCTCGCCCTGTCTCAT
CCTGTGTGTACTACTGCAAGAGGCAGTTCATGGAGAAGAAACCCAGCTGGTCTCTGCGGTACACAGGAC
ATTCAGTACAATGGCTCTGAGCTGTCTGCTTTGACCAGCCTCGGCTCCGCCACTGTGCCATAGAGCAT
GCTGTGATACACCGGGACTCAGCCCCAATGTATGGGCTGTTACCTGATTCCGTCCTGTGTGTGA
AGAGCCCGCAGCTCTGCCGAGCTGTGCTTGGCTGTGGGCTGCGTTCTCCCACTACCCTCCAGGAGAGA
AACCCGGCTTCTGTGGGGACACGATGCCAGCCTTCTTCGGGCTGTTTTCCCGTCCATCTGCGCTGAAT
TTTCTGATGCCTGGCCTCTGATGCAGAATCCTCTGGGTGGTGACAGCTCTCTGTGACTCTTATCCTGA
ACTCACTGGAGAAGATACCAATCCCTCAATCCCGAAAACGAAAGCGCAGCATCTCTGGATTCCAGTGCC
GGCCAGGATCTGGCTGGGACAGCTGCTCTAGAGTCTTCTGGGAATGTTTCAGAATCTACTGACTCACCTA
GACATGGTGACTGTTACAGTCTGGGAGCAGACGCTAGCTCAGGATGCTCAAAGGACTCCAAGCCAAGG
AGGCTGGGAAGACAGGGAAAACCTGAATCTAGCCATGCCACAGCCTTCCAGGATGCC

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR225324 representing NM_001164155
Red=Cloning site Green=Tags(s)

MALKVLP LHR TVLFAAILFLLHLACKVSCETGDCRQQEFKDRSGNCV LCKQCGPMELSKCEGFGYGEDA
 QCVPCRPHRFKEDWGFQKCKPCADCALVNRFRANC SHTSDAVCGDCLPGFYRKTKLVGFQDMECVPCGD
 P P P P Y E P H C T S K V N L V K I S S T V S P R D T A L A A V I C S A L A T V L L A L L I L C V I Y C R Q F M E K K P S W S L R S Q D
 I Q Y N G S E L S C F D Q P R L R H C A H R A C C Q Y H R D S A P M Y G P V H L I P S L C C E E A R S S A R A V L G C G L R S P T T L Q E R
 N P A S V G D T M P A F F G S V S R S I C A E F S D A W P L M Q N P L G G D S S L C D S Y P E L T G E D T N S L N P E N E S A A S L D S S G
 G Q D L A G T A A L E S S G N V S E S T D S P R H G D T G T V W E Q T L A Q D A Q R T P S Q G G W E D R E N L N L A M P T A F Q D A

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_001164155

ORF Size: 1248 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_001164155.1](#), [NP_001157627.1](#)

RefSeq Size: 4036 bp

RefSeq ORF: 1251 bp

Locus ID: 29820

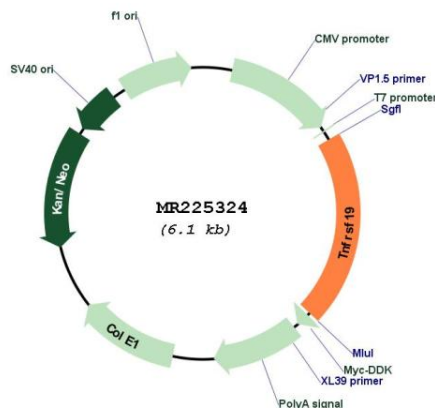
UniProt ID: [Q9JLL3](#)

Cytogenetics: 14 D1

MW: 45.3 kDa

Gene Summary: Can mediate activation of c-Jun and NF-kappa-B. May promote caspase-independent cell death (By similarity). Isoform 2 and isoform 3 may act as decoy receptors.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225324