

Product datasheet for **RR211071**

Tnfsf13 (NM_001009623) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfsf13 (NM_001009623) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfsf13
Synonyms:	April; Tnlg7b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211071 representing NM_001009623 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGCCTCATCTCCAGGCAACATGGGAGGCTCAGTCAGAGAGCCAGCCCTTTCGGTCACTCTTTGGT
TGAGTTGGGGGGCAGTTCTGGGGCTGTGACTTGTGCTGTGCGACTACTGATCCAACAAGCAGAGTTGCA
GAGCCTAAGGCGGGAGGTGAGCCGGCTGCAGCGGAGTGGAGGAGCTTCCCAGAAGCGGGAGAGCCTCCA
TGGCAGAGCCTCTGGGAACAGATCCTGATGTCCTGGGAGCCTGGAAGGATGGGGCCAAATCTCGGAGAA
GGAGAGCAGTACTCACCCAGAAGCACAAGAAGAAGCAGTCCGTTCTGCATCTTGTCCAATTAACATTAC
CTCCAAGGACTCTGACATGACAGAGGTGATGTGGCAACCAGCTCTTAGGCGTGGGAGAGGCTGGAGGCC
CAAGGAGACACTGTTTCGAGTCCGGGACACTGGAATTTATCTGCTATATAGTCAGGTCCTGTTTCATGATG
TGACTTTCACCATGGGTCAGGTGGTATCTCGGGAAGGCCAAGGGAGAAGGGAGACTCTATTCCGGTGTAT
CAAAAGTATGCCTTCTGATCCTGACCGTGCCTACAACAGCTGCTACAGTGCAGGTGTCTTCACTTACAT
CAAGGGATATTACTGTCAAATTCCTCGGGCAAACGAAAACCTTAGCCTTCTCCACATGGAACAT
TCCTGGGGTTTGAAACTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR211071 representing NM_001009623
Red=Cloning site Green=Tags(s)

MPASSPGNMGGSVREPALSVTLWLSWGAVLGAVTCAVALLIQQAELQSLRREVSRLQRSGGASQKRGEPP
 WQSLWEQSPDVLGAWKDGAKSRRRRRAVL TQKHKKKQSVLHLVPINITSKDSDMTEVMWQPALRRGRGLEA
 QGDTVRRVTDGIYLLYSQVLFHDVTFMTGQVVSREGQGRRETLFRCIKSMPSPDRAYNSCYSAGVFHLH
 QGDIITVKIPRANAKLSLSPHGTFLLGFVKL

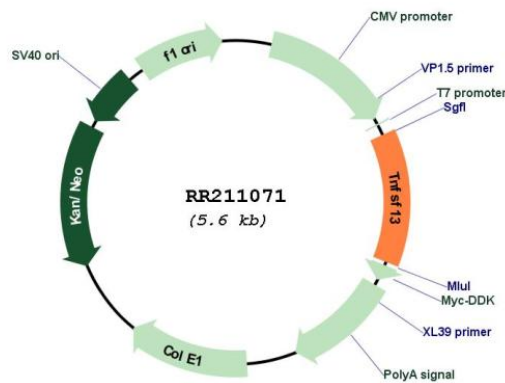
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001009623

ORF Size: 720 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:	<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:	NM_001009623.1 , NP_001009623.1
RefSeq Size:	1677 bp
RefSeq ORF:	723 bp
Locus ID:	287437
Cytogenetics:	10q24
MW:	26.6 kDa