

Product datasheet for MR227410

Tnfrsf9 (NM_001077508) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf9 (NM_001077508) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfrsf9
Synonyms:	4-1BB; A930040I11Rik; AA408498; AI325004; Cd137; CDw137; ILA; Ly63
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR227410 representing NM_001077508 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAAACAACCTGTTACAACGTGGTGGTATTGTGCTGCTGCTAGTGGGCTGTGAGAAGGTGGGAGCCG
TGCAGAACTCCTGTGATAACTGTCAGCCTGGTACTTTCTGCAGAAAATACAATCCAGTCTGCAAGAGCTG
CCCTCCAAGTACCTTCTCCAGCATAGGTGGACAGCCGAACTGTAACATCTGCAGAGTGTGTGCAGGCTAT
TTCAGGTTCAAGAAGTTTTGCTCCTCTACCCACAACGCGGAGTGTGAGTGCATTGAAGGATTCCATTGCT
TGGGGCCACAGTGCACCAGATGTGAAAAGGACTGCAGGCCTGGCCAGGAGCTAACGAAGCAGGGTTGCAA
AACCTGTAGCTTGGGAACATTTAATGACCAGAACGGTACTGGCGTCTGTGACCCCTGGACGAACTGCTCT
CTAGACGGAAGGTCTGTGCTTAAGACCGGGACCACGGAGAAGGACGTGGTGTGTGGACCCCTGTGGTGA
GCTTCTCTCCAGTACCACATTTCTGTGACTCCAGAGGGAGGACCAGCATTTAAGAAGACCACTGGAGC
AGCTCAAGAGGAAGATGCTTGTAGCTGCCGATGTCCACAGGAAGAAGAAGGAGGAGGAGGAGGCTATGAG
CTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR227410 representing NM_001077508
 Red=Cloning site Green=Tags(s)

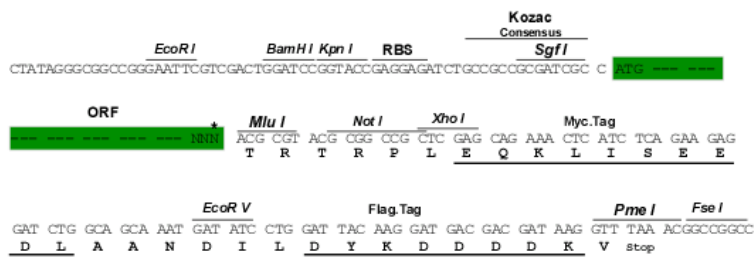
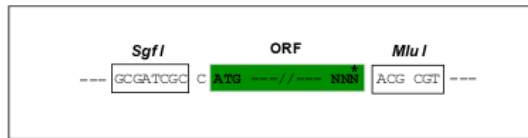
MGNNCYNVVVIVLLL VGCEKVGAVQNSCDNCQPGTFCRKYNPVCKSCPPSTFSSIGGQPNCNICRVCAGY
 FRFKKFCSTHNAECECIEGFHCLGPQCTRCEKDCRPGQELTKQGCKTCSLGT FNDQNGTGVCRPWTNCS
 LDGRSVLKTGTTEKDVVCGPPVVSFSPSTTISVTPEGGPAFKKTTGAAQEEDACSCRCPQEEEGGGGYYE
 L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

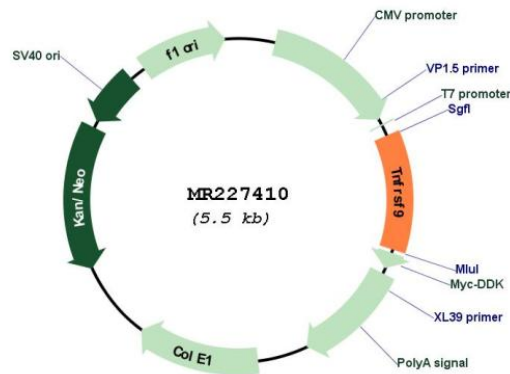
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001077508

ORF Size: 633 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_001077508.1 , NP_001070976.1
RefSeq Size:	1999 bp
RefSeq ORF:	636 bp
Locus ID:	21942
Cytogenetics:	4 81.52 cM
MW:	22.9 kDa
Gene Summary:	Receptor for TNFSF9/4-1BBL. Possibly active during T cell activation.[UniProtKB/Swiss-Prot Function]