

Product datasheet for **MC207426**

Tnfrsf10b (NM_020275) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfrsf10b (NM_020275) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnfrsf10b
Synonyms: DR5; KILLER; Ly98; MK; TRAILR2; TRICK2A; TRICK2B; TRICKB
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207426 representing NM_020275
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCCTCCAGGACCCAGCACGCCACAGCCTCTGCCGCTGCCGGGCAGATCACTACACCCAGGCC
TCCGGCCACTCCGAAGCGCAGACTTCTATATAGCTTTGCGTTGCTGCTGTGTCTACAGGCTGTCTT
TGTTCCAGTAACAGCTAACCCAGCCATAATCGTCCAGCTGGCCTACAGCGGCCGGAGGAGGCCATCA
AGAGGACCCTGTCTAGCAGGCCAGTACCTGT CAGAAGGGAAGTCAAGCCTTG CAGAGAGGGTATTGACT
ACACCAGCCATTCCAACATTCTCTGGATTCTGTATTCTCTGCACAGTCTGTAAGGAAGATAAAGTCGT
AGAAAACCCGATGCAACATAAACCACAAATACGGTGTGTCGATGCAAACAGGCACCTTTGAAGATAAAGAC
TCCCCTGAGATCTGCCAGTCACTGCTCTAACTGCACTGACGGGGAAGAGGAACTGACTTCTGTACCCCA
GAGAAAACCGAAGTGTGTCTCCAAAACGGCTTGGGCATCTTGGCATAAGCTAGGCCTCTGGATAGGACT
CCTGGTTCCAGTAGTGTCTGATTGGAGCTCTGCTTGTCTGGAAGACTGGAGCATGGAGGCAATGGTTG
CTCTGTATAAAAAGAGGCTGTGAACGGGATCCCGAAAGTGCAGACTCTGTGCATTCTCTCTTTGGACC
GACAGACATCTAGCAGCACAATGACTCTAACCAACACGGAACCTGGCAAGACTCAGAAAACAGGAAA
GAAGTTGCTGGTTCCGGTAAACGGAAACGACTCAGCTGACGACCTGAAGTTTATCTTCGAGTATTGTTG
GACATAGTGCCCTTTGACTCCTGGAACCGTCTCATGCGGCAGTTGGGCCTCACAGACAATCAAATCCAAA
TGGTCAAAGCCGAAACACTGGTCAACAGTGAAGCCCTGTACCAAATGCTGCTCAAGTGGCGCCACCAGAC
TGGGCGAAGTGCCTCCATCAACCATCTGCTGGATGCCTTGAAGCCGTGGAAGAGAGAGATGCCATGGAG
AAAATTGAAGACTACGCAGTGAATCCGGGAGGTTTACTTATCAGAACGCTGCAGCCCAACCAGAGACAG
GGCCAGGAGGATCTCAGTGCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_020275
Insert Size:	1146 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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>NM_020275.4</u> , <u>NP_064671.2</u>
RefSeq Size:	3197 bp
RefSeq ORF:	1146 bp
Locus ID:	21933
UniProt ID:	<u>Q9QZM4</u>
Cytogenetics:	14 D2
Gene Summary:	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis.[UniProtKB/Swiss-Prot Function]