

Product datasheet for **MC209584**

Tnfsf10 (NM_009425) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfsf10 (NM_009425) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tnfsf10
Synonyms: A330042I21Rik; A1448571; APO-2L; Ly81; TL2; Tnlg6a; Trail
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209584 representing NM_009425
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCTTCCTCAGGGCCCTGAAGGACCTCAGCTTCAGTCAGCACTTCAGGATGATGGTGATTTGCATAG
TGCTCCTGCAGGTGCTCCTGCAGGCTGTGTCTGTGGCTGTGACTTACATGTACTTACCAACGAGATGAA
GCAGCTGCAGGACAATTACTCCAAAATTGGACTAGCTTGTCTCAAAGACGGATGAGGATTTCTGGGAC
TCCACTGATGGAGAGATCTTGAACAGACCTGCTTGCAGGTTAAGAGGCAACTGTATCAGCTCATTGAAG
AGGTGACTTTGAGAACCTTTAGGACACCATTTCTACAGTTCCAGAAAAGCAGCTAAGTACTCCTCCCTT
GCCAGAGGTGGAAGACCTCAGAAAAGTGGCAGCTCACATTACTGGGATCACTCGGAGAAGCAACTCAGCT
TTAATTCCAATCTCCAAGGATGGAAGACCTTAGGCCAGAAGATTGAATCCTGGGAGTCCTCTCGGAAAG
GGCATTTCATTTCTCAACCACGTGCTCTTTAGGAATGGAGAGCTGGTCATCGAGCAGGAGGGCCTGTATTA
CATCTATTCCTCAACATACTTCCGATTTAGGAAGCTGAAGACGCTTCCAAGATGGTCTCAAAGGACAAG
GTGAGAACCAACAGCTGGTGCAGTACATCTACAAGTACACCAGCTATCCGGATCCCATAGTGCTCATGA
AGAGCGCCAGAACAGCTGTTGGTCCAGAGATGCCGAGTACGGACTGACTCCATCTATCAGGGAGGATT
GTTTCGAGCTAAAAAAAATGACAGGATTTTGTCTGTGACAAAATGAACATTTGATGGACCTGGATCAA
GAAGCCAGCTTCTTTGGAGCCTTTTAAATTAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009425
Insert Size: 876 bp



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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:	NM_009425.2 , NP_033451.1
RefSeq Size:	4944 bp
RefSeq ORF:	876 bp
Locus ID:	22035
UniProt ID:	P50592
Cytogenetics:	3 A3
Gene Summary:	Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.[UniProtKB/Swiss-Prot Function]