

Product datasheet for **SC210305**

TRAIL (TNFSF10) (NM_003810) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TRAIL (TNFSF10) (NM_003810) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TNFSF10
Synonyms: Apo-2L; APO2L; CD253; TL2; TNLG6A; TRAIL
ACCN: NM_003810
Insert Size: 1014 bp
Insert Sequence: >SC210305 3'UTR clone of NM_003810
The sequence shown below is from the reference sequence of NM_003810. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTTTTTTTGGGCCTTTTTAGTTGGCTAACTGACCTGGAAGAAAAAGCAATAACCTCAAAGTGACTA
TTCAGTTTTTCAGGATGATACACTATGAAGATGTTTCAAAAAATCTGACCAAAACAACAAACAGAAAAC
AGAAAACAAAAAACCTCTATGCAATCTGAGTAGAGCAGCCACAACCAAAAAATTCTACAACACACACT
GTTCTGAAAGTGACTCACTTATCCCAAGAGAATGAAATTGCTGAAAGATCTTTCAGGACTCTACCTCAT
ATCAGTTTGCTAGCAGAAATCTAGAAGACTGTCAGCTTCAAACATTAATGCAATGGTTAACATCTTCT
GTCTTTATAATCTACTCCTTGTAAGACTGTAGAAGAAAGAGCAACAATCCATCTCTCAAGTAGTGTAT
CACAGTAGTAGCCTCCAGGTTTCTTAAGGGACAACATCCTTAAGTCAAAAGAGAGAAGAGGCCACT
AAAAGATCGCAGTTTGCCTGGTGCAGTGGCTCACACCTGTAATCCAACATTTTGGGAACCAAGGTGG
GTAGATCAGGAGATCAAGAGATCAAGACCATAGTGACCAACATAGTGAACCCCATCTCTACTGAAAGT
ACAAAAATTAGCTGGGTGTGTTGGCACATGCCTGTAGTCCCAGCTACTTGAGAGGCTGAGGCAAGAGAA
TTGTTTGAACCCGGGAGGCAGAGTTGCAAGTGTGGTGTAGATCATGCCACTACACTCCAGCCTGGCGACA
GAGCGAGACTTGGTTTCAAAAAAAAAAAAAAAAAAACTTCAGTAAGTACGTGTTATTTTTTCAATAA
AATTCTATTACAGTATGTCATGTTTGTGTAGTGTCTCATATTTATTGTTGTTTTTGTAGTACTCAC
TTGTTTCAATAATCAAGATACTAAAAATGGGGGAAAAGACTTCTAATCTTTTTTTCATAATATCTTT
GACACATATTACAGAAGAAATAATTTCTACTTTTAATTAATATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_003810.4
Summary:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Locus ID:	8743
MW:	39.2