

## Product datasheet for **SC207507**

### **TWEAK (TNFSF12) (NM\_003809) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** TWEAK (TNFSF12) (NM\_003809) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** TNFSF12  
**Synonyms:** APO3L; DR3LG; TNLG4A; TWEAK  
**ACCN:** NM\_003809  
**Insert Size:** 561 bp  
**Insert Sequence:** >SC207507 3'UTR clone of NM\_003809  
The sequence shown below is from the reference sequence of NM\_003809. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCTACTTCGGACTCTTCCAGGTTCACTGAGGGGCCCTGGTCTCCCCGAGTCGTCACAGGCTGCCGGC
TCCCCTCGACAGCTCTCTGGGCACCCGGTCCCCTCTGCCCCACCCTCAGCCGCTCTTTGCTCCAGACCT
GCCCTCCCTCTAGAGGCTGCCTGGGCCTGTTACGCTGTTTTCCATCCCACATAAATACAGTATTCCCA
CTTTATCTTACAACCTCCCCACCGCCACTCTCCACCTCACTAGCTCCCCAATCCCTGACCCTTTGAG
GCCCCAGTGATCTCGACTCCCCCTGGCCACAGACCCCAAGGCATTGTGTTCACTGTACTCTGTGGG
CAAGGATGGGTCCAGAAGACCCCACTTCAGGCACTAAGAGGGGCTGGACCTGGCGGCAGGAAGCCAAAG
AGACTGGGCTAGGCCAGGAGTTCCCAATGTGAGGGGCGAGAAACAAGACAAGCTCCTCCCTTGAGAA
TTCCCTGTGGATTTTTAAACAGATATTATTTTTATTATTATTGTGACAAAATGTTGATAAATGGATAT
TAAATAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_003809.3](#)

**Summary:** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq, Oct 2010]

Locus ID: 8742

MW: 20.4