

Product datasheet for **SC114174**

TWEAKR (TNFRSF12A) (NM_016639) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TWEAKR (TNFRSF12A) (NM_016639) Human Untagged Clone
Tag: Tag Free
Symbol: TWEAKR
Synonyms: CD266; FN14; TWEAKR
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_016639 edited
 ATGGCTCGGGGCTCGCTGCGCCGGTTGCTGCGGCTCCTCGTGCTGGGGCTCTGGCTGGCG
 TTGCTGCGCTCCGTGGCCGGGGAGCAAGCGCCAGGCACCGCCCCCTGCTCCCGCGGCAGC
 TCCTGGAGCGCGGACCTGGACAAGTGATGGACTGCGCGTCTTGCAAGGGCGGACCGCAC
 AGCGACTTCTGCTGGGCTGCGCTGCAGCACCTCCTGCCCCCTCCGGCTGCTTTGGCCC
 ATCCTTGGGGGCGCTCTGAGCCTGACCTTCGTGCTGGGGCTGCTTTTGGCTTTTTGGTC
 TGGAGACGATGCCGAGGAGAGAGAAGTTCACCACCCCATAGAGGAGACCGCGGAGAG
 GGCTGCCAGCTGTGGCGCTGATCCAGTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_016639 unedited
 CCGAATAGGNATCCGACTTACTATAGGCGCCGCAATTCGCACGAGGGACGTGCACTA
 TGGCTCGGGGCTCGCTGCGCCGGTTGCTGCGGCTCCTCGTGCTGGGGCTCTGGCTGGCGT
 TGCTGCGCTCCGTGGCCGGGGAGCAAGCGCCAGGCACCGCCCCCTGCTCCCGCGGCAGCT
 CCTGGAGCGCGGACCTGGACAAGTGATGGACTGCGCGTCTTGCAAGGGCGGACCGCACA
 GCGACTTCTGCTGGGCTGCGCTGCAGCACCTCCTGCCCCCTCCGGCTGCTTTGGCCCA
 TCCTTGGGGGCGCTCTGAGCCTGACCTTCGTGCTGGGGCTGCTTTTGGCTTTTTGGTCT
 GGAGACGATGCCGAGGAGAGAGAAGTTCACCACCCCATAGAGGAGACCGCGGACAGG
 GCTGCCAGCTGTGGCGCTGATCCAGTGACAATGTGCCCTGCCAGCCGGGACCTCGCC
 CACTCATCATTATTATCCATTCTAGAGCCAGTCTTGCTCCAGACGCGCGGGAGC
 CAAGCTCCTCAACCACAAGGGGGTGGGGGGCGTGAATCACCTCTGAGGCCTGNGCCC
 AGGGTTCAGGGGAACCTTCCAAGGTGTCTGGTTGCCCTGCCTCTGGCTCCAGAACAGAAA
 GGGAGCCTCACGCTGGCTCACACAAAACAGCTGACACTGACTAANGAACTGCAGCATTTG
 CACAGGGGAGGGGGTGCCTTCTTCTAGAGGCCCTGGGGGCCANGCTGACTTGTGGGG
 CAGACTTGACACTANGCCCACTCACTCAGATGTTCTGAAATTCACCACGGGGTCAACC
 TGTGGGGTTAGGGACCTATTTNTTACACTAGGGGGCTGCCACTNAGAAGCCTGCCCT
 AGAAACAGACCCCACTCCCAAGCGGGAGGAGATATTATTTGGGAAAGCTTGA
 GGGAGGGAGAATTATTATAAAGATCCTT



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Restriction Sites:	NotI-NotI
ACCN:	NM_016639
Insert Size:	1000 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:	NM_016639.1 , NP_057723.1
RefSeq Size:	998 bp
RefSeq ORF:	390 bp
Locus ID:	51330
UniProt ID:	Q9NP84
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
Gene Summary:	Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins.[UniProtKB/Swiss-Prot Function]