

Product datasheet for **SC329756**

TROY (TNFRSF19) (NM_001204458) Human Untagged Clone

Product data:

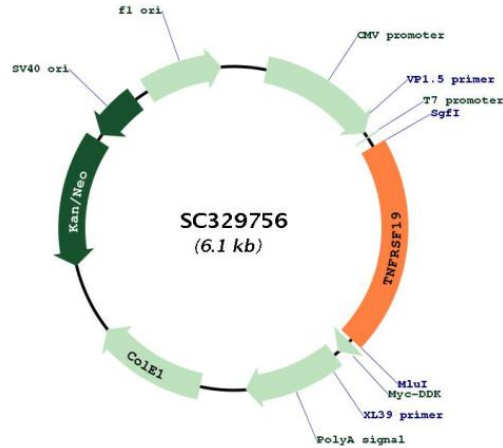
Product Type: Expression Plasmids
Product Name: TROY (TNFRSF19) (NM_001204458) Human Untagged Clone
Tag: Tag Free
Symbol: TNFRSF19
Synonyms: TAJ; TAJ-alpha; TRADE; TROY
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329756 representing NM_001204458.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTTTAAAAGTGCTACTAGAACAAAGAGAAAACGTTTTCTACTCTTTTAGTATTACTAGGCTATTTG
TCATGTAAAGTGACTTGTGAATCAGGAGACTGTAGACAGCAAGAATTCAGGGATCGGTCTGGAACTGT
GTTCCCTGCAACCAAGTGTGGCCAGGCATGGAGTTGTCTAAGGAATGTGGCTTCGGCTATGGGGAGGAT
GCACAGTGTGTGACGTGCCGGCTGCACAGGTTCAAGGAGGACTGGGGCTCCAGAAATGCAAGCCCTGT
CTGGACTGCGCAGTGGTGAACCGCTTTCAGAAGGCAAATTTGTTCCAGCCACCAGTGTGCCATCTGCGGG
GACTGCTTGCCAGGATTTATAGGAAGACGAAACTTGTGCGCTTCAAGACATGGAGTGTGTGCCTTGT
GGAGACCTCCTCCTCTTACGAACCGCACTGTGCCAGCAAGGTCAACCTCGTGAAGATCGCGTCCACG
GCCTCCAGCCACGCGGACACGGCGCTGGCTGCCGTTATCTGCAGCGCTCTGGCCACCGTCTGCTGGCC
CTGCTCATCCTCTGTGTCATCTATTGTAAGAGACAGTTTATGGAGAAGAAACCCAGCTGGTCTCTGCGG
TCACAGGACATTCAGTACAACGGCTCTGAGCTGTCGTGTTTTGACAGACCTCAGCTCCACGAATATGCC
CACAGAGCCTGCTGCCAGTGCCGCGTACTCAGTGCAGACCTGCCGGCCGGTGCCTTGTCCCATCC
ATGTGCTGTGAGGAGGCCTGCAGCCCAACCCGGCGACTCTTGGTTGTGGGTGCATTCTGCAGCCAGT
CTTCAGGCAAGAAACGCAGGCCAGCCGGGGAGATGGTCCGACTTTCTTCGGATCCCTCACGCAGTCC
ATCTGTGGCGAGTTTTTCAGATGCCTGGCCTCTGATGCAGAATCCATGGGTGGTGACAACATCTCTTTT
TGTGACTCTTATCCTGAACTCACTGGAGAAGACATTCATTCTCTCAATCCAGAACTGAAAAGCTCAACG
TCTTTGGATTCAAATAGCAGTCAAGATTTGGTTGGTGGGCTGTTCCAGTCCAGTCTCATTCTGAAAAC
TTTACAGCAGCTACTGATTTATCTAGATAAACAACACTGGTAGAATCAGCATCAACTCAGGATGCA
CTAACTATGAGAAGCCAGCTAGATCAGGAGAGTGGTGTGTCATCCACCCAGCCACTCAGACGTCCCTC
CAGGAAGCTTAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001204458

Insert Size: 1254 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:

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_001204458.1](#)

RefSeq Size: 4214 bp

RefSeq ORF: 1254 bp

Locus ID: 55504

UniProt ID: [Q9NS68](#)

Cytogenetics: 13q12.12

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

MW: 45.3 kDa

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is highly expressed during embryonic development. It has been shown to interact with TRAF family members, and to activate JNK signaling pathway when overexpressed in cells. This receptor is capable of inducing apoptosis by a caspase-independent mechanism, and it is thought to play an essential role in embryonic development. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (3) differs in the 3' coding region and the 3' UTR, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform (1). Variants 2 and 3 encode the same isoform (2).