

Product datasheet for **MR200721**

Tnfrsf12a (NM_013749) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tnfrsf12a (NM_013749) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tnfrsf12a
Synonyms: AI255180; C87282; Fn14; HPIP; TWEAK-R; TweakR
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200721 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCGGCTTGGCCGCGTCTCTGCCGAGATCCTCGTGTGGGATTCGGCTTGGTGTGATGCGCG
 CCGCGCCGGGGAGCAAGCACCAGGCACCTCCCATGCTCTAGCGGCAGCTCCTGGAGCGCGACCTCGA
 CAAGTGCATGGACTGCGTTCTTGTCAGCGCGACCACACAGCGACTTCTGCCTGGGATGCGCCGACGA
 CCTCTGCCACTTCAGGCTACTGTGGCCATTCTGGGGGCGCTTTAGTCTGGTCTGGTTTTGGCGC
 TGGTTTCTAGTTTCTGGTCTGGAGAAGATGCCCGGAGAGAAAAGTTTACTACCCCATAGAGGAGAC
 TGGTGGAGAGGGCTGCCAGGTGTGGCACTGATCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200721 protein sequence
 Red=Cloning site Green=Tags(s)

MASAWPRSLPQILVLFGLVLMRAAAGEQAPGTPSPSSGSSWSADLDKCMDCASCPARPHSDFCLGCAAA
 PPAHFRLLPILGGALSLVFLVLAALVSSFLVWRRRREKFTTPIEETGGEGCPGVALIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_013749

ORF Size: 390 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_013749.2](#)

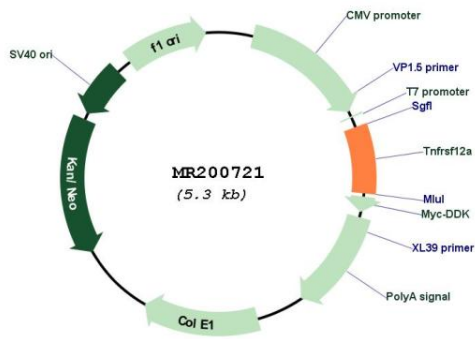
RefSeq Size: 980 bp

RefSeq ORF: 390 bp

Locus ID: 27279

UniProt ID: [Q9CR75](#)
 Cytogenetics: 17 A3.3
 MW: 13.6 kDa
 Gene Summary: Receptor for TNFSF12/TWEAK (By similarity). 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]

Product images:



Circular map for MR200721