

## Product datasheet for MR202767

### Adtrp (NM\_001145875) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adtrp (NM_001145875) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adtrp
Synonyms:	9530008L14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202767 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGAAAACAACCACTTGCCTGTACCACTTCCTTGTCTGAACTGGTACATTTTCCTCAATTATCACAT  
TCCCACAGATTGGAAGGAATGAGGAGAAGCTAAGGGAATCCATGACGGTGGCGCATCCAAGTACTTGAC  
ACTCCTTAATCTGCTCTTGCAGGCCATTTCTTTGGGGTCGCCTGCCTGGATGATGTGCTGAAAAGAGTC  
ATCGGAAGGAAAGACATCAAGTTTGTACATCCTTCAGAGATCTGCTCTTACCACAATGGCTTTTCTTA  
TATCCACATTTGTCTTGGTATTCTGGACTCTTTTACTACGACCGGAGCCTCGTTTACCCCAAGGG  
CTTGGATGACTTCTTCCAGCATGGGTTAACACGCAATGCATACCTCCATATTTCCCTTTTCACTGTTT  
GAAACCATCCTCAGACCACAACTATCCATCGAAGAAGCTAGGACTCACCTTGCTGGGTGCTTTTAATT  
TTGCTACATCATCAGGATCCTGTGGCGCTACGTTTCACTGGAACTGGGTGTACCCCGTGTGACTC  
CCTCAGCCCACTGGGTATTATCATCTTCTTCTCAGCCGCTTACATCCTAGTCGCCGGCATCTACCTGTTT  
GGCGAGAAGATCAATCACTGAAATGGGGTGCCATAGCAAAGCCACAGATGAAGAAGAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR202767 protein sequence  
 Red=Cloning site Green=Tags(s)

MTKTTTCVYHFLVLNWIYIFLNYHIPQIGRNEEKLEFHDGGRSKYLTLNLLLQAIFFGVACLDDVLKRV  
 IGRKDIKFVTSFRDLLFTTMAFPISITFVFLVFWTLFHYDRSLVYPKGLDDFFPAWVNHAMHTSIFPFLF  
 ETILRPHNYPKLLGLTLLGAFNFAYIIRILWRYVQTGNWVYYPVFDLSPLGIIFFSAAYILVAGIYLF  
 GEKINHWWGAIKPMKKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001145875

**ORF Size:** 693 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\\_001145875.1](#), [NP\\_001139347.1](#)

**RefSeq Size:** 2519 bp

**RefSeq ORF:** 693 bp

**Locus ID:** 109254

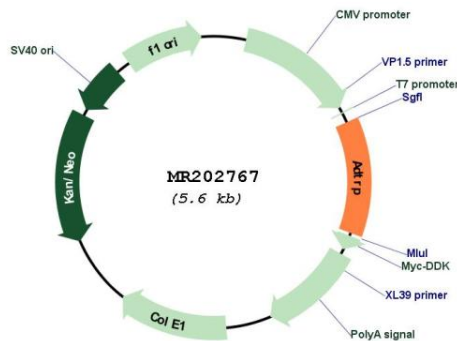
**UniProt ID:** [Q8C138](#)

**Cytogenetics:** 13 A4

**MW:** 27 kDa

**Gene Summary:** Regulates the expression and the cell-associated anticoagulant activity of the inhibitor TFPI in endothelial cells (in vitro).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR202767