

## Product datasheet for **RN209552**

### Adtrp (NM\_001014144) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adtrp (NM_001014144) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adtrp
Synonyms:	Aa2-020; RGD1305679
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209552 representing NM_001014144 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACGAAAACAACACTACTTGCTTGTATCACTTCGTTGTTTTGAACTGGTACATTTTCTCAATTATTACA  
TCCACAGATTGGAAAGGATGAGGAGAACTAAAGGAATCCATGACGGTGGACGGTCCAAGTACTTGAC  
ACTCCTGAATCTGCTCTTGCAGGCCGTTTTCTTTGGGGTCGCTGCCTGGATGATGTGCTAAAAAGAGTC  
ATCGGAAGGAAAGACATCAAGTTCACCTACTTCAGAGATCTGCTTTTACTACGCTGGCTTTTCTTT  
TATCCACATTTGTATTCTTGGTATTCTGGTCCCTCTTCCACTACGACCGGAGCCTCGTTTACCCCAAGGG  
CTTGGATGATTTCTTTCCAGCATGGGTTAATCAGCAATGCATACCTCCATATTTCCCTTTTCCCTGGCT  
GAAACCGTTCTCAGACCACAACTATCCATCGAAGAAGCTAGGACTCAGCTTGCTGGGTGCCTGTAATT  
TTGCTACATTATCAGGATCCTTTGGCGCTACGTTTCCAGCCGAACTGGGTGTACCCCGTGTGGCCTC  
CCTCAGCCCGCTGGGTATTATTCTTCTTCTCAGCCAGTTACATCCTGAGTGCCAGCCTCTACCTGTTT  
GGAGAGAAGATCAATCACTGAAATGGGGTGCCACAGTGAAGCCACGGATGAAGAAGAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja3666_b08.zip">https://cdn.origene.com/chromatograms/ja3666_b08.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001014144
Insert Size:	693 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001014144.1</a></u> , <u><a href="#">NP_001014166.1</a></u>
<b>RefSeq Size:</b>	1128 bp
<b>RefSeq ORF:</b>	693 bp
<b>Locus ID:</b>	361228
<b>UniProt ID:</b>	<u><a href="#">Q5M828</a></u>
<b>Cytogenetics:</b>	17p13
<b>Gene Summary:</b>	Regulates the expression and the cell-associated anticoagulant activity of the inhibitor TFPI in endothelial cells (in vitro).[UniProtKB/Swiss-Prot Function]