

Product datasheet for **RR209552**

Adtrp (NM_001014144) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adtrp (NM_001014144) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Adtrp
Synonyms: Aa2-020; RGD1305679
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209552 representing NM_001014144
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGAAAACAACACTACTTGCTTGATCACTTCGTTGTTTTGAACTGGTACATTTTCCTCAATTATTACA
TCCCACAGATTGAAAAGGATGAGGAGAACTAAAGGAATCCATGACGGTGGACGGTCCAAGTACTTGAC
ACTCCTGAATCTGCTCTTGCAGCCGTTTTCTTTGGGGTGCCTGCCTGGATGATGTGCTAAAAAGAGTC
ATCGGAAGGAAAGACATCAAGTTCATCACCTACTTCAGAGATCTGCTTTTTACTACGCTGGCTTTTCCTT
TATCCACATTTGTATTCTTGGTATTCTGGTCCCTCTTCCACTACGACCGGAGCCTCGTTTACCCCAAGGG
CTTGGATGATTTCTTCCAGCATGGGTTAATCACGCAATGCATACCTCCATATTTCCCTTTCCCTGGCT
GAAACCGTTCTCAGACCACAACATCCATCGAAGAAGCTAGGACTCAGCTTGCTGGGTGCCTGTAATT
TTGCCTACATTATCAGGATCCTTTGGCGCTACGTTTCAGACCGGAAACTGGGTGTACCCCGTGTTCCTC
CCTCAGCCCGCTGGGTATTATTCTTCTTCTCAGCCAGTTACATCCTGAGTGCCAGCCTCTACCTGTTT
GGAGAGAAGATCAATCACTGAAATGGGGTGCCACAGTGAAGCCACGGATGAAGAAGAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209552 representing NM_001014144
Red=Cloning site Green=Tags(s)

MTKTTTCLYHFVVLNWIYIFLNYYIPQIGKDEEKLKEFHDGGRSKYLTLNLLLQAVFFGVACLDDVLKRV
 IGRKDIKFITYFRDLLFTTLAFPLSTFVFLVFWSLFHYDRSLVYPKGLDDFFPAWVNHAMHTSIFPFLA
 ETVLRPHNYPSSKLLGLSLLGACNFAYIIRILWRVYVQTGNWVYVPVFAASLPLGIILFFSASYILSASLYLF
 GEKINHWWKVGATVKPRMKKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

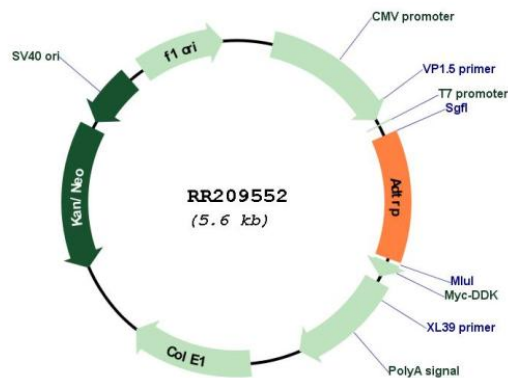
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001014144

ORF Size: 690 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:	<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_001014144.1 , NP_001014166.1
RefSeq Size:	1128 bp
RefSeq ORF:	693 bp
Locus ID:	361228
UniProt ID:	Q5M828
Cytogenetics:	17p13
MW:	26.9 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]