

Product datasheet for **SC126390**

ADTRP (NM_032744) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADTRP (NM_032744) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADTRP
Synonyms:	AIG1L; C6orf105; dj413H6.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_032744 edited
 GACTTAGGCTGTGACCCACAGAAGGACGCCAGAAAAGTACTCAAGACATTCACGGTGCCCC
 GGTACGACTCGCCATGACGAAGACTTCTACATGCATATACCACTTCCTTGTCTGAGCT
 GGTATACTTTCCATTAATTACATCTCACAGGAAGGAAAAGACGAGGTGAAACCCAAAA
 TCTTGGCAAATGGTGCAAGGTGGAATATATGACGCTGCTTAATCTGCTCTTGCAGACCA
 TTTTCTACGGGGTACCTGCCTGGATGATGTGCTGAAAAGAACCAAAGGGGAAAAGACA
 TTAAGTTCCTAACTGCCTCAGAGACCTGCTTTTCACCACTCTGGCTTTTCTGATCCA
 CGTTTGTATTTTGGCATTCTGGATCCTTTTCTCTACAATCGAGATCTATTTACCCCA
 AGGTCCTAGATACTGTCATCCCCGTGTGGCTGAATCATGCAATGCACACTTTCATATTCC
 CCATCACATTGGCTGAAGTCGTCTCAGGCCTCACTCCTATCCATCAAAGAAGACAGGAC
 TCACCTTGTGGCTGCTGCCAGCATTGCTTACATCAGCCGCATCCTATGGCTCTACTTTG
 AGACGGGTACCTGGGTGATCCTGTGTTTGCCAAACTCAGCCTCTGGGTCTAGCAGCTT
 TCTTCTCTCAGCTACGTCTTCATCGCCAGCATCTACCTACTTGGAGAGAAGCTCAACC
 ACTGGAATGGGGTGACATGAGGCAGCCACGGAAGAAGAGGAAGTAATTGCACACCATTT
 TCCAAGAACCAAGAAAGAAGAAAACACAAGAGATTTTTCTCATCTTTTTTTTTTTTTTTT
 CTGGTGGAGGGAGGTGGTGGAGGAACATAGCAAAGTAGGAGGGACAGAGAGTGATACTTA
 AATTTAATAAGAGGTTCTGTAAGGTAGCTTAACTTGAGAACTCTTGGTTTTTTGAAAGGT
 TGACTGCACATGCCAAAAACAACCTCTGCTATCTCAGAATTAATTATCTTTGACCTTCGT
 GGAGGATGGTCTCTGGTAAAACTGACCAAAGAACTCACATAAACTTGGTGTTAGAGA
 ACATCTAGAGAGAGAGAGAGGAACCTTAGAGTCAATTTAACTCTTCAGTTTACAGAGAAGG
 ATGCTGAGGACCTAGATGAGAAGTTACCTGCAAAGGCAAAGGGTACTTAGTGTCAGA
 ACCAAGGCAATGACTTCTCTCTCCAGATCTCCTAGCTACTGGTCTGGGCCATTTTTTT
 TTTTTTAAATAATCCCAACTTTTTCTTTAAAAGACAAGCATTTTCAGTAAGCTAGTTATTTT
 CATGGGTTGCTCATCCATTTTTTTTCAGTGATCTAAAAATGTAGGGAGATGGCTACTACTG
 AAGTTGTCTGTCTACTTGGGATAATAGCAAATTAATTGAAGACAATGGGAAAGTAAGTTA
 TAAAAAATACTGGGAAATCTGTTTCTTCTGAGCAAGCATTTCAGGGCAGGTATAAACAT
 CAAACATAGTGACATTGTCAAACCTCTTCCATTTGAACATTGATTAATTCATCAAATAA
 ATGGTATAGTAACAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_032744 unedited
 CCCCAGATGTCAGCATTTGTATACGACTCATATAGGCGGCGCGGAATTCGCCATTACGG
 CCGGGGACTTAGGCTGTGACCCAGAGGAGGGCCGGGGGGTACTCAAGACATTCACGG
 GGCCCCGGTACGACTCGCCATGACGAAGACTTCTACATGCATATACCACTTCCTTGTTC
 TGAGCTGGTATACTTTCCATTAATTACATCTCACAGGAAGGAAAAGACGAGGTGAAAC
 CCAGGGGGTGGGAAAATGGTGAAGGTGGAATATATGACGCTGCTTAATCTGCTCTTGC
 AGACATTTTCTACGGGGTACCTGCCTGGATGATGTGCTGAAAAGAACCAAAGGGGAA
 AAGACATTAAGTTCCTAACTGCCTCAGAGACCTGCTTTTCACCACTCTGGCTTTTCTCTG
 TATCCACGTTTGTATTTTGGCATTCTGGATCCTTTTCTCTACAATCGAGATCTCATT
 ACCCCAAGGTCCTAGATACTGTCATCCCCGTGTGGCTGAATCATGCAATGCACACTTTCA
 TATTTCCCATCACATTGGCTGAAGTCGTCTCAGGCCTCACTCCTATCCATCAAAGAAGA
 CAGGACTCACCTTGTGGCTGCTGCCANCATTGCTTACATCAGCCGCATCCTATGGCTCT
 ACTTTGAGACGGGGACCTGGGTGATCCTGGGGTTGCCAAACTCAGCCTCTTGGGTCTAA
 GCACTGTCTTCTCTCAGCTACGTCTTCATCGCCGCATCTACCTACTTGGGGAGGAGC
 TCAACCACTGAAATGGGGGACTTGAGGCCCCACGGGAAGAGGAGAAGTATTGCCCCCT
 TTTTCCAGGACCCAGAAGGAGAATACCCGGAATTTTT

Restriction Sites: Please inquire
ACCN: NM_032744

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_032744.1](#), [NP_116133.1](#)

RefSeq Size: 1602 bp

RefSeq ORF: 693 bp

Locus ID: 84830

UniProt ID: [Q96I22](#)

Cytogenetics: 6p24.1

Protein Families: Transmembrane

Gene Summary: Regulates the expression and the cell-associated anticoagulant activity of the inhibitor TFPI in endothelial cells (in vitro).[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.