

## Product datasheet for MR221535

### Adamts14 (NM\_001081127) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts14 (NM_001081127) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adamts14
Synonyms:	Adamts-14; TS14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221535 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTTGGCTCCGAGCTCTGCTCCACTGCCTGCTGCCCTGGTACTGCGCGCTCTGTGCCGCCGCCGGCA  
GTCAGACCCCAGACCTGCGCCTCTCTGGGAAACTTACGACTATGTTGTGACGGTGCCTTGACGACAGA  
TTTCCAGGGACGCTTCTGTCCCATGTGGTGTCTGCCCCGACGCTCCCTCACCACGGAGCCACCTCCG  
GTGGCTCGCAGCCCCCTGAGCCTGGAAAGAGAGACCCCGAGGCCGGCGGTCCGAGGCAGCATTTCTCT  
ACTTTAATGTGACTGTCTTTGGGAAGCTGCTTCACTTGAGGCTGCAGCCGAACCGAGGTTGGTGGCCCC  
AGGGGCCCGGTGGAATGGCAGGAGGACTTTCGGAACTCTCCGACAACCTTGACGAGGAGTGTGTG  
TACACTGGAGGTGCTCACTGGAATGCCCGGGCAGCTGTGCCATCAGCAACTGTGATGGATTGGCCGGCC  
TCATCCGCACAGACAACCTCAGACTACTTCATCGAGCCCCGAGAGCGAGGGCAGCAGGAGAAAGAGGCTGG  
TGGGAGGACCCATGTGGTATACCGCCGGGAAGCCGTCCAGAGGGAGTGGAAAGAGCCTCATGGTGACCTT  
CACAACGAAGCCTTTGGCCTTGGCGACCTCCCAACGTGCTGGATCTGGTGGGGACCGGCTGGGTGACG  
CAGAGCGGAAGCGGCACACGCCAAGCCCGCAGCTACAGCATCGAGGTTCTGCTGGCGGTGGATGACTC  
GGTGGTCCGCTTCCACGGCAGGGAGCATACGCAGAACTACGTGCTGACGCTCATGAATATCGTGGATGAG  
ATTTACCATGACGAATCGCTGGGAGCCACGTGAACATCGCCCTGTCCGCTGATCATGGTGGGTACC  
GACAGTCCCTGAGCCTGATTGAGCGAGGGAACCCAGCGCGCAGCCTGGAGCAGGTGTGCTGCTGGGCACA  
CTCCCAGCAGCGCCAGGACCCTAGCCACACTGAACATCAGACCACGTCATCTTCTCACGCGCCAGAAC  
TTCGGCCCTCGGGGTATGCACCTGTTACTGGGATGTGCCACCCACTAAGAAGCTGTGCCCTCAACCACG  
AGGATGGCTTCTCCTCAGCTTTTGTGCTGGCTCATGAGACAGGCCATGTGCTTGGCATGGAGCATGACGG  
CCAGGGCAATGGCTGCGATGATGAGACCAGTCTGGGCAGCGTCATGGCGCCCTGGTTCCAGGCCCTTC  
CACAGTTCCACTGGTCTCGCTGCAGCAAGCTGGAGCTCAGCCGCTACCTCCCATCTACGATTGCCTCC  
TTGATGACCCCTTCGAGCGCACCTGGCCCCAGCCCCAGAAGTCCCGGGATCGACTACTCCATGGATGA  
GCAATGCCGTTGACTTTGGCACTGGTACCACACTGCTTAGCTTTCAGGACCTTTGAGCCCTGCAAG



[View online »](#)

CAGCTATGGTGCAGCCACCCTGACAACCATACTTCTGCAAGACCAAGAAGGGGCCCGCTGGATGGGA  
CAGAGTGTGCCACAGGCAAGTGGTGCTTCAAAGGCCATTGTATCTGGAAGTCACCAGAGCAAACCTTATGG  
CCAGGATGGAGGCTGGAGTTCCTGGACCAATTTGGCTCATGTTCTCGGTGCTGTGGAGGAGGGGTGCGA  
TCCCGAAGCCGGAGCTGCGACAACCCTCCTCCAGCCTATGGAGGCCGCCCGTGTCTCAGGGTCCATGTTTG  
AGTACCAGATCTGCAACAGTGAGGACTGTCTGGGCCCTACGAGGACTCCGAGCCCAGCAGTGTGCCAA  
GCGAAACTCCTACTATACCCACCAGGATGCCAAGCACAGCTGGCTGCCCTATGAGCCCAGACAGTATGCC  
CAGAAGTGGGAGCTCAATTTGCCAGTCTGCCGACACTGGAGATGTGGTATTTATGAACCAAGTAGTCCACG  
ATGGGACACGCTGCAGCTATCGCGATCCTTACAGCGTCTGTGCCCGTGGCGAGTGTGTGCCCTTTGGTTG  
CGACAAGGAGGTGGGATCCATGAAGACGGATGACAAGTGCAGTGTCTGCCGTGGGACAATTCTCACTGT  
AGGACTGTGAAGGGGACTCTGGGAAAGGGCTCCAAGCAGGCAGCGGCTCTCAAACAGGTGCAGATCCCGG  
CGGGTGCAGGCACATTCAGATTGAATTGCTGGAGAAGGCTCCCCACCGAATCGCGGTGAAGAACCAGGT  
GACCGGAAGCTTCATCTCAACCCCAAGGGCAAGGAGGCTCTAGCAGGACCTTCACTGCGCTGGGCCTA  
GAGTGGGAGCACGAAGCGGAGGACACCAAGGACAGCCTCAGGACCAATGGACCCCTGCCTGAAGCCATCG  
CCATCCTGGTTCTTCCCCGGCTGAGGGTAAACCCCGAGGTAGCCTGGCCTACAAGTACGTCATCCATGA  
GGACCTGTGCCCTCATCGGGAGTAATAATGTGCTCCTGGAAGAGACAGACACCTACGAATGGGCTCTC  
AAGAGCTGGTCTCCCTGCAGCAAGGCCTGTGGAGGAGGAATCCAGTTCACATAAATATGGCTGCCGCGCC  
GCAGGGACCACCACATGGTGCACCGGCACCTGTGTGACCATAAAAAGAGGCCCAAGCCTATCCGACGGCG  
TTGCAACCAGCACTCGTGTCCCCAGCCCAGTGGGTGACAGAAGAGTGGGGTGCCTGTAGCCGAAGCTGC  
GGGAAGCTGGGGCTGCAGACCCGGGAGTGCAGTGCCTGCTGCCTCTCTCCAATGGCACCCACAAAGCCA  
TGCCAGCCAAGGCCTGCCTAGGTAACCGGCCAGAGGCCAAGAAGCCATGCCTCCGTGTGCCCTGCCAGC  
CCAGTGGCGGACAGGAGCCTGGTCCCAGTGTCTGCTACCTGCGGAGAAGGCATCCAGCAAAGGCAGGTG  
GTATGCAGGAACACTTCCAGTGCCTCGGGCCATGCGAAGGGTCAAGCCGGACATGGTGCAGATCTGCA  
GCCTGCCTGCTGTGGAGGAGATCTCCAGAACTCTACAGTGAAGCGGAGGTCCAGGACCCCTGTGACCAA  
AACAGGATACCGGGAACCCCAATCCAGGCCCTGACTCCTGAGGACAGGATCTCAACAATGGAGCCCTGT  
GTGCGAGACAGATCCGTCTTCTGCCGAATGGAAGTGTGGACCGTACTGCACCATCCCCGGCTACCACC  
GTCTATGTGTGAGTCTTGCATAAAGAAGACCTCAGGCCCAATGCCAGCCTGGCCTTACCACCCACCTT  
CTCCACTCCTGGGAGTCTCTTGGCAGCACCCAAGGCCACCCTGGAGGATGTGAAGTCTACAAGGGGGCCA  
ACCAGCCTGGAAGATCATCGGCAAAGCCAGCCACACAGCTACCAGATGTGGCGGACAGGATCTCCCCAG  
TGACTCAGTATCCGGTACCCCCCAGATGCTAAGCCCTAAAGCGTTTCCGGGCAATTCTCCTGTACCCC  
ACGGAGGCCACCTCAGGACTGGACCCAAACAGCTATGCCAACCTCTGAGGGTCAAGGACAGTCCAGGGAG  
GAACCAGGGCATGGAGGCACCAGCCTTCCGCCACCTCCCCAGTGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221535 protein sequence  
 Red=Cloning site Green=Tags(s)

MAWLRALLHCLLPWYCALCAAAGSQTDLRLSGKLHDYVVTVPCSTDFQGRFLSHVVSAPAAPSPRSHLR  
 VARSPLSLERETPRPGGPRQHFLYFNVTVFGKLLHLRLQPNRRLVAPGAPVEWQEDFRELFRQPLQQECV  
 YTGCVTGMPPGAVAISNCDGLAGLIRTDNSDYFIEPLERGGQKEEAGGRTHVVYRREAVQREWKEPHGDL  
 HNEAFGLGDLPNVLDLVGDRLGDAERKRRHAKPGSYSIEVLLAVDDSVVRFHGREHTQNYVLTLMNIVDE  
 IYHDESLGAHVNIALVRLIMVGYRQSLSLIERGNPARSLEQVCRWAHSQQRQDPSTHEHHDHVIFLTRQN  
 FGPSTYAPVTGMCHPLRSCALNHEDGFSFAFVVAHETGHVLMGMEHDGQNGCDDSETSLGSMAPLVQAAF  
 HRFHWSRCSKLELSRYLPSYDCLLDDPFERTWPQPPELPGIDYSMDEQCRDFGTGYHTCLAFRTFPECK  
 QLWCSHPDNPFYCKTKKGPPLDGTFCAPGKWCFKGHCWIKWSPEQTYGQDGGWSSWTFNGSCSRSCGGGVR  
 SRSRSCDNPAPYGGRPCSGSMFEYQICNSEDCPGYPEDFRAQQCAKRNYSYTHQDAKHSWLPYEPDSDA  
 QKCELICQSADTGDVVMNQVVDHGTGRCSYRDPYSVCARGECVPGCDKEVGSMTDDKCGVCGGDNSHC  
 RTVKGTGKGSKQAAALKQVQIPAGARHIQIELLEKAPHRIA VKNQVTGSFIFNPKGKEASRTFTALGL  
 EWEHEAEDTKDSLRTNGPLPEAIAILVLPAAEGKPRGSLAYKYVIHEDLLPLIGSNNVLEETDTYEWAL  
 KSWSPCSKACGGGIQFTKYGCRRRRDHMHVHRHLCDHKKRPKPIRRRCNQHSQPPTWVTEEWGACSRSC  
 GKLLGLQTRGVQCLLPLSNGTHKAMPAKACLGNRPEAKKPCRVPAPQWRTGAWSQCSATCGEGIQQRQV  
 VCRNTSSALGPCEGVKPMVQICSLPACGGDLQNSTVKAEVQDPVTKTGYREPQSRPLTPEDRISTMEPC  
 VRDRSVFCRMEVLDRYCTIPGYHRLCCESCICKTSGPNASLALPPTFSTPGSLLPAPKATLEDVKSTRGP  
 TSLEDHRQSQPTQLPDVADRISPVTQYPVTPQMLSPKAFPGNSPATPRPPQDWTQTAMPTSEGGQSRE  
 EPGHGGTSLPATSPVT

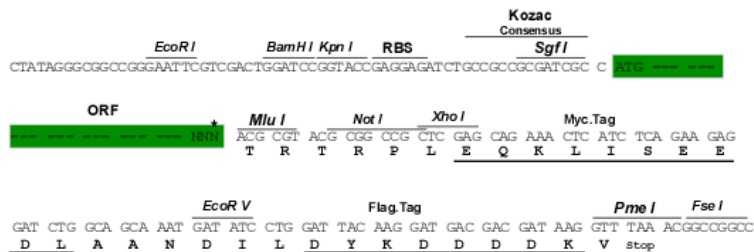
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:

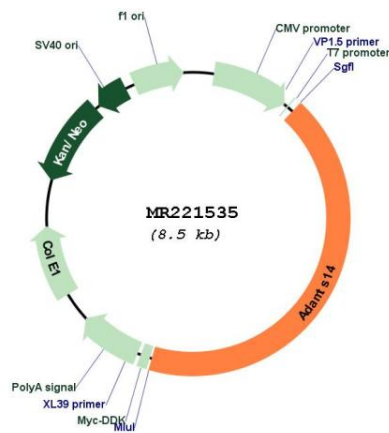


\* The last codon before the Stop codon of the ORF

ACCN: NM\_001081127

ORF Size: 3621 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001081127.2</a>
<b>RefSeq Size:</b>	5188 bp
<b>RefSeq ORF:</b>	3621 bp
<b>Locus ID:</b>	237360
<b>Cytogenetics:</b>	10 B4
<b>MW:</b>	133.6 kDa

**Product images:**


Circular map for MR221535