

Product datasheet for **MG221535**

Adamts14 (NM_001081127) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts14 (NM_001081127) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adamts14
Synonyms:	Adamts-14; TS14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG221535 representing NM_001081127 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTGGCTCCGAGCTCTGCTCCACTGCCTGCTGCCCTGGTACTGCGCGCTCTGTGCCGCCGCCGGCA
GTCAGACCCCAGACCTGCGCCTCTCTGGGAAACTTACGACTATGTTGTGACGGTGCCTTGACGACAGA
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AGGGGCCCGGTGGAATGGCAGGAGGACTTTCGGGAACCTTCCGACAACCTTGACGAGGAGTGTGTG
TACACTGGAGGTGCTCACTGGAATGCCCGGGCAGCTGTGGCCATCAGCAACTGTGATGGATTGGCCGGCC
TCATCCGCACAGACAACCTCAGACTACTTCATCGAGCCCCCTGGAGCGAGGGCAGCAGGAGAAAAGAGGCTGG
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CAGAGCGGAAGCGGCGACACGCCAAGCCCGCAGCTACAGCATCGAGGTTCTGCTGGCGGTGGATGACTC
GGTGGTCCGCTTCCACGGCAGGGAGCATACGCAGAACACGTGCTGACGCTCATGAATATCGTGGATGAG
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CTCCCAGCAGCGCCAGGACCCTAGCCACACTGAACATCAGACCACGTCATCTTCTCACGCGCCAGAAC
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CAGCTATGGTGCAGCCACCCTGACAACCATACTTCTGCAAGACCAAGAAGGGGCCCGCTGGATGGGA
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GAACCAGGGCATGGAGGCACCAGCCTTCCGCCACCTCCCCAGTGACA

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG221535 representing NM_001081127
 Red=Cloning site Green=Tags(s)

MAWLRALLHCLLPWYCALCAAAGSQTPDLRLSGKLHDYVVTVPCSTDFQGRFLSHVVSAPAAPSPRSHLR
 VARSPLSLERETPRPGGPRQHFLYFNVTVFGKLLHLRLQPNRRLVAPGAPVEWQEDFRELFRQPLQQECV
 YTGCVTGMPPGAAVAISNCDGLAGLIRTDNSDYFIEPLERGOQKEAGGRTHVVYRREAVQREWKEPHGDL
 HNEAFGLGDLPNVLDLVDRLGDAERKRRHAKPGSYSIEVLLAVDSDVVRFHGREHTQNYVLTLMNIVDE
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 FGPSTYAPVTGMCHPLRSCALNHEDGFSSAFVVAHETGHVLMGMEHDGQNGCDETSLSGSMAPLVQAAF
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 KSWSPCSKACGGGIQFTKYGCRRRRDHMHVHRHLCDHKKRPKPIRRRCNQHSQPPTWVTEEWGACSRSC
 GKLLGLQTRGVQCLLPLSNGTHKAMPAKACLGNRPEAKKPCRVPQAWRTGAWSQCSATCGEGIQQRQV
 VCRNTSSALGPCEGVKPMVQICSLPACGGDLQNSTVKAEVQDPVTKTGYPQSRPLTPEDRISTMEPC
 VRDRSVCERMEVLDRYCTIPGYHRLCCESCICKTSGPNASLALPPTFSTPGSLLPAPKATLEDVKSTRGP
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TRTRPLE - GFP Tag - V

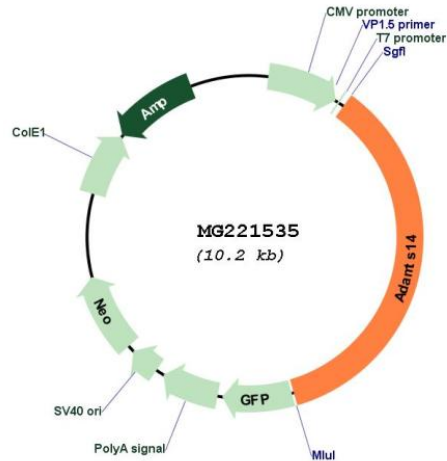
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001081127

ORF Size: 3618 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_001081127.2](#)

RefSeq Size: 5188 bp

RefSeq ORF: 3621 bp

Locus ID: 237360

Cytogenetics: 10 B4