

Product datasheet for **MG221325**

Adamts15 (NM_001113548) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts15 (NM_001113548) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adamts15
Synonyms:	2010109H09Rik; Thsd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG221325 representing NM_001113548
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAATTCACCCTGACCCTGCTCTTCACTGCCTCTTGGTAACCCTGTGCTCCCTCAAACCCCGCCTCT
 TCCCGCTTCTCCGTTCTTGCTGTGGACTCTCCTGAGCTGTGATTTGAGGGGTGCTGCCAGGGTCCGGG
 AGAGTGGACGCCCTGGGGTCTTGGAGCAGGTGTTCCAGCTCTTGTGGTCGGGGCGTCTCAGTGCCGAGA
 CGCCAATGTGTCCGACTTCCCGGAGAGAACTTTGTTGGGGCAGAGCCATGAATACCGGGTGTGCCAGC
 TGCCGGACTGCCCTCCAGGGACCACACATTCCGAGACCTGCAGTGTCTCTACAATGGCCACCCTGT
 CCTGGACACCCAGAAAACCTACCAGTGGGTGCCCTTCCACGGGGCGCCAATGTGTGTGACCTCAACTGC
 CTAGCTGAAGGCCACGCCTTCTACCACAGCTTTGGCCGCTGTGGATGGCACCCCTGCACCCCGGTA
 CCCAGGGTCTCTGCTGGCAGGCCGCTGTCTGAGCGCAGGCTGTGACGGGATACTGGGCTCCGGCACCT
 CGAGGACCGCTGCGGCCCTGTGGTGGCGCTAACGACTTTGCCGTTCGTGCAGCGCTGTTCCGGCAG
 GCCGGTGCCTTCGCCGGCTTCTGGAATGTGACTTTGATCCCCGAGGGCGCCAGGCACATCCGCGTAGCAC
 AGCGCAGCCACAACCACCTGGCGCTGGTTACCCGCGGGCGGCACTACGTGCTCAACGGTGTGGGGTGT
 CAGCCCGCTGGCACCTACGAGGCTGCGGGCACCCGAGTGGTTTACACCCGGAGTGCAGGGCCAGAGGAG
 ACTCTGCAGGCGACCGGCCACCTCCCAGGAGCTGCTGTTACAGGTGCTGCTGCGGGAGCCCAACCCAG
 GCGTACACTTCGAGTTCTGGCTGCCCGGGAGCGCTATGGCCCTTTTTCAGGCTCAGGTGCAGGCCCTGGG
 CTGGCCCTTGGCAGCCCTCAGCCTCGGGAGGTGGAGCCACAGCCTGCAGAGACTCCTGTAGTCCCCGAG
 GCCATCCCTGCCCGTGTGCATCCCTGCCACCAGACCCCTGCGGGCCATGCCCGACAGCCGTGGTCGCG
 CACACCGCTTCTCACTACTGTGGCAGGACTTTGTGTTCCAGGCCGCTGTGCTGGGCCGCCACCCGCA
 GGCCAGGAGACCCGCTACGAAGTGCGGTCTTGTCTCATCTACAAAAGCCGACGCCTCTGCGTACTCGA
 GAATATGTATGGGCACAGGCCACTGTCCGTGCCACCACTGGCCCCACCCGAGAATACCTGTTGGCTG
 CCAGGCGACTCGTAAGCCCTGATGGCACGAGGATCGGCTACTGCTGCCTCACGCTGGCTATGCTCGACT
 CTGGAGTCCCAGGAGGACAGCAGAGTTCGGCTGGCTGCCCGCGCTGTCCAGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG221325 representing NM_001113548
 Red=Cloning site Green=Tags(s)

MAIHPDPALHCLLVTLCSLKPRLFLLPFLWTLSCDLRGAQGPGEWTPWGSWSRCSSSCGRGSVRR
 RQCVRLPGEELCWGDSHEYRVCQLPDCPPGTTFFRDLQCSLYNGHPVLDTKTYQWVPHGAPNVCDLNC
 LAEGHAFYHSFGRVLDGTPCTPGTQGLCVAGRCLSAGCDGILGSGTLEDRCGLCGGANDSCLFVQRFVFRD
 AGAFAGFVNVTLEIPEGARHIRVAQRSHNHLALVTRGGHYVLNGDGVLSPPGTYEAGTRVYVYTRSAGPEE
 TLQATGPTSQELLLQVLLREPNGVHFEFWLPRERYGPFQAQVQALGWPLRQPQPREVEPQPAETPVVPE
 AIPARVASLPPDPCGPCPDSRGRAHRLHYCGSDFVFQARVLGRHRQAQETRYEVRVLLIYKSRTPRLRTR
 EYVWAPGHCPPLAPHREYLLAARRLVSPDGTQDRLLLPHAGYARLWSPAEDSRVLAARRCPV

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001113548

ORF Size: 1455 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_001113548.1](#), [NP_001107020.1](#)

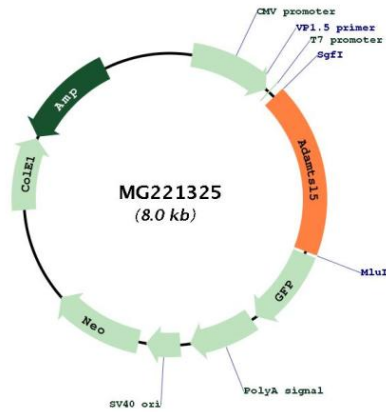
RefSeq Size: 2402 bp

RefSeq ORF: 1458 bp

Locus ID: 66548

Cytogenetics: 10 C1

Product images:



Circular map for MG221325