

Product datasheet for MR221953

Adamts9 (NM_175314) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts9 (NM_175314) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adamts9
Synonyms:	1810011L16Rik; 8430403M15Rik; AW743315; E030027K14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR221953 representing NM_175314 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGCCCTGCAATTGATGGATCCTGGGGAGGTTGGAGCCACTTTGGGACCTGCTCAAGAACGTGTG
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CATAAGCACCCAGGTCTGGTGTCTGAGTTGGCGAAGATCGATTAAGCGATAGAATGTGTGACCCTGAGG
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Protein Sequence: >MR221953 representing NM_175314
Red=Cloning site Green=Tags(s)

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EQCAHFDGKHFNINGLLPSVRWVPKYS GILMKDRCKLFCRVAGNTAYYQLRDRVIDGTPCGQDTNDICVQ
GLCRQAGCDHILNSKARKDKCGICGGDNS SCKTVAGTFNTVHYGYNTVVRIPAGATSIDVRQHSFSGKSE
DDNYLALSNSKGEFLLNGDFVVSMSKREVRVGS AVIEYSGSDNVVERLNCTDRIEEELLQVL SVGKLYN
PDVRYSFNIPIEDKPPQFYWN SHGPWQACSKPCQGERRRKLVCTRES DQLTVSDQRCDRLPQPGPVEAC
GTDCDLRWHVASKSECSAQCGLYRTLDIHCAKY SRMDGKTEKVDDSFCS SQPRPSNQEKCSGECSTGGW
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HKHRQVWCQFGE DRLSDRMDPEAKPEPMQTCQQPECAAWQAGPWGQCSVT CGQGYQLRAYKICIMGYMS
VVDNDNCNAATRPDTDQCELASCHPSILALE PRRNAQSIPTQWRFGSWTPCSATCGK GTRMRYVSCRD
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DKPTDREQCNTHACPDAAWSTGPWSSCSV SCGRGHKHRNVYCLAKDGS HLESDNCKHLPKPHGHRRCRG
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TNEDQP SHLCPTDTKPEERKACRN VYNCELQNKCEVKKLNSASVDGEYFLAVRGKPLKVF CAGMNSDYP
KEYVTLAHG DSENFSEVYGHRLHNPT ECPYNGSRRDDCHCRKDYTAAGFSSFQKIRL DL TSMQIITDLE
FARTSEGHVPV FATAGDCYSAACPQGRF SINL YGTGLSLTESARWTSQGN YAVSDIKKSPDGTRVVGKC
GGYCGKCTPSSSGTGLEVRVS
```

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9102_h12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



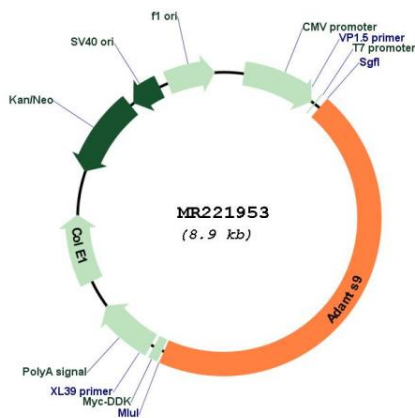
* The last codon before the Stop codon of the ORF

ACCN: NM_175314

ORF Size: 4050 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_175314.3](#), [NP_780523.2](#)
- RefSeq Size:** 6056 bp
- RefSeq ORF:** 4053 bp
- Locus ID:** 101401
- Cytogenetics:** 6 D1
- MW:** 149.8 kDa

Product images:



Circular map for MR221953