

Product datasheet for **RR201643**

Adss (NM_001105975) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adss (NM_001105975) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adss
Synonyms:	Adss2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR201643 representing NM_001105975
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGATCTCTGAGAGCAGCCCGCGGCTACTTCCTTGCAGAACGGCGACTGCGGCCGCCCCAGGGCGC
 GGCTGGAGGGAACCGGTGACTGTGGTCTGGAGCGCAGTGGGCGCAGGAGGCAAGGGAAGGTGGT
 GGATCTGCTGGCGCAGGACGCCGACATCGTGTGCCGTTGCCAGGAGGGAATAACGCTGGCCACACAGTT
 GTCGTAGACTCGGTGGAGTATGACTTTACCTCTTACCTAGTGGGATAATCAACCCAAATGTCACTGCCT
 TCATTGGCAATGGAGTGGTAATTCATCTTCTGGACTGTTTGAAGAAGCAGAGAAAAATGTTCAAAAGGG
 GAAAGGTCTAGATGGCTGGGAAAAAGGCTTATCATATCGGACAGAGCTCATATTGTGTTTGACTTTTCAT
 CAAGCAGCTGATGGTATCCAGGAACAGCAGAGACAAGAGCAAGCAGGAAAAAATTTGGGTACCACGAAAA
 AGGGTATCGGCCCTGTATTTCTCTAAAGCTGCTCGGAGTGGACTTCGGATGTGTGATCTTGTCTGTA
 CTTGATGGCTTCTCTGAGAGGTTCAAAGTTCTAGCTAACAGTATAAATCTATATATCCGACTTTGGAA
 ATAGACATTGAAGGTGAATTACAACAACCAAGGGTTATATGGAAAGGATTAACCGATGGTGAGAGATG
 GAGTTTATTTCTATATGAGGCCCTCCATGGACCCCCAAGAAAACTTGGTAGAAGGTGCGAACCGCAGC
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 ACAGGTCTGGGTATGCCCCCTCAAAATGTTGGAGAAGTGTATGGAGTTGTGAAAGCTTACACCACTAGAG
 TTGGGATTGGTGCCTTTCCACAGAGCAAGACAATGAAATTGGAGAATTATTACAAACACGGGTAGAGA
 ATTTGGAGTAACACTGGGAGGAAAAGAAGATGCGGCTGGTTGGACCTTGTCTTACTCAAATACGCTCAC
 ATGATCAATGGATTTACTGCGTTGGCCCTTACCAAGTTGGATATTTGGATATGTTACGGAGATCAAAG
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 AGTGGAAAGTTCAGTATAAGACTCTCCAGGATGGAACACAGATATATCTAATGCAAGGACATTTAAGGAG
 CTACCTGTCAATGCACAAAATTATGTTCCGTTTATTGAAGATGAGCTTCAAATACCAGTTAAATGGATTG
 GTGTGGGTAATCCAGAGAGTCCATGATTCAGCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR201643 representing NM_001105975
 Red=Cloning site Green=Tags(s)

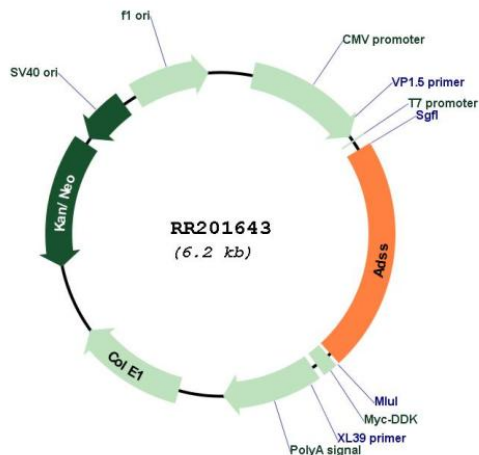
MSI SESSPAATSLPNGDCGRPRARPGGNRVTVVLGAQWDEGKGVVDLLAQDADIVCRCQGGNNAGHTV
 VVDSVEYDFHLLPSGIINPNVAFIGNGVVIHLPLGFEEAEKNVQKGLDGWEKRLIISDRAHIVDFDH
 QAADGIQEQQRQEAGKNLGTTKKGIPVYSSKAARSGLRMDLVSDFDGFSERFKVLANQYKSIYPTLE
 IDIEGELQQLKGYMERIKPMVRDGVYFLYEALHGPPKILVEGANALLDIDFGTYPFVTSNCTVGGVC
 TGLGMPQNVGEVYGVVYKAYTTRVGIGAFPTQDNEIGELLQTRGREFVTTGRKRRCGWLDLVLKYAH
 MINGFTALALTKLDILDMFTEIKVGVAYKLDGETIPHFANQEVLNKVEVQYKTLPGWNTDISNARTFKE
 LPVNAQNYVRFIEDELQIPVKWIGVGSRESMIQLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001105975

ORF Size: 1368 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_001105975.1](#), [NP_001099445.1](#)

RefSeq Size: 2539 bp

RefSeq ORF: 1371 bp

Locus ID: 289276

Cytogenetics: 13q25

MW: 50.1 kDa