

Product datasheet for **RR206154**

Ascc1 (NM_001007632) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ascc1 (NM_001007632) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ascc1
Synonyms: Asc-1; CGI-18
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206154 representing NM_001007632
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATGTTCTGCGCCACAGCTTGTAACTTCGATGGTCGGAATTATAGAAAGAATCCTGTCCAGGAAA
AGCAGCCCAACATGAAGAGGAGGAGGATTTCTATCAAGACTCCATGGAGTACTCGGATGAGCCCTGCGG
TGCCATGAGGTGGAGCAGACCCCTCATGGATTCGGGCCACCGTCAGTGGCCCTAGCCTGCTCTACAAG
CACATAGTTGGAAAGAGAGGCGATACCAAGAAGAAAATAGAAGTGGAGACTAAAACATCTATTAACATTC
CTAAACTCGGCCATGAGGGAGAAATCGTGATCACTGGTCATCATCGAAATGGTGTAGTTTCCGCGCGAAC
TCGGATCGATGTCCTCTGGACACGTTCCAGGAGGAGGCAGCCTTTCCTCACTTCTCTCTCTCTCTCTCT
AATGAAGTTGAAGTCCAGGAACGGTTTCTGGAGTTCAGGCGGAAGTACTGAAGAAGTGTCCAAGGATC
GTGGGGTTGACAGCACCATTTTTCAGAAATCCAAAAAGCTTACCTAACTATTGGCATGTTGGTACTCCT
AAGTGAACAAGAGATCCAGCAGACCTGTGAGATCCTGCAGCGTGTAAAGGAGGAATTCATTAATGACATT
TCCGGAGGCAAACCCCTGGAAGTAGAGATGGCAGGGATCGAATACATGAATGACGACCCTGCTATGGTGG
ATGTTCTTTATGCCAAAGTCCACATGAAAGACGGCTCCAACAGGCTGCAGGAAGTGTGATCGAGTGTG
GGAACGCTTTCAGTCAATGGGGCTCGTCATGAAGGAGTGGACCAGTGTGAAACTGCAGCCACCGTCATG
AACACACTCCTCAGGAAAGACCCCAATGCTGAAGGCAGGTACAACCTCTACACAGCAGATGGCAAGTATA
TCTTCAAGGAAAGAGAATCTTTTGTGGCCGGAACATTTTAAAGACATTTGAGAATTCTACTTTGGTTC
CCTGAAGCTGAATTCTATTACATCTCCAGAGGTTACGGTGGACAGCTTCGAAACTATGCTTCTCTGC
GGACATGTTGACTTCTCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206154 representing NM_001007632
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MDVLRPQLVTFDGRNYRKNPVQEKQPQHEEEEDFYQDSMEYSDEPCGAYEVEQTPHGFRATVSAPSLLYK
 HIVGKRGDTKKKIEVETKTSINIPKLGHEGEIVITGHHRNGVVSARTRIDVLLDTFRRRQPFTHFLSFFL
 NEVEVQERFLEFQAEVLKCKSKDRGV DSTIFQNPKKLHLTIGMLVLLSEQEIQQTCEILQRCKEEFINDI
 SGGKPLEVEMAGIEYMND DPAMVDVLYAKVHMKDGSNRLQELVDRVLERFQSMGLVMKEWTSVKLHATVM
 NTLLRKDPNAEGRYNLYTADGKYIFKERESFDGRNILKTFENFYFGSLKLSIHISQRFTVDSFGNYASC
 GHVDFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

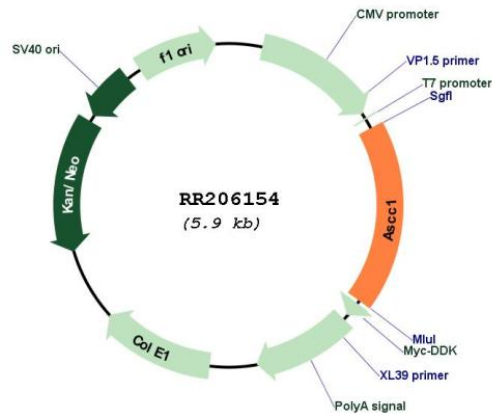
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001007632

ORF Size:	1068 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:	<ol style="list-style-type: none">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_001007632.2 , NP_001007633.1
RefSeq Size:	1508 bp
RefSeq ORF:	1071 bp
Locus ID:	294512
Cytogenetics:	20q11
MW:	41.2 kDa