

Product datasheet for MR203799

Rsrc1 (BC038303) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsrc1 (BC038303) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rsrc1
Synonyms:	1200013F24Rik; SRrp53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203799 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGACGCCGGTCTTCAGACACTGAAGAGGAAAGCAGAAGCAAGAGGAAAAAGAAACACCGAGGCGCT
 CGTCTTCAAGCAGCTCTTCAGACAGCAGGACATACAGCCGCAAGAAGGGCGGGAGGAGGCCGAGGTCCGA
 CTCAAGGTCCTGGTCTAGAGACCGCCAGCTTCGCTCGATTCTTATGAGAGAAGGCGCAGATCAAGCAGC
 AGCTCTTCTTATGGCTCCAGAAGGAAAGAAAGTCGAGTCGTTCCAGGGCCGAGGGAAACCTATAGAG
 TTCAAAGGTCTCGGTCAAAAAGCAGAACCAGAAGGTCCAGGTCAAGGCCTCGTCCACGCTCACATAGTAG
 AAGCAGTGGAAGATCCAGTCACAGAAGAACCCGTAGCAGGTCCAGGGACAGAGACAGACGTAAAGTCCGG
 GACAAAGAGAAAAAGAGAAAGGAGAAGGATAAAGGCAAAAGACAAAGAAAGTGCACAGCATCAAACGCGGGG
 ATTCTGGAACATCAAAGCTGGATTAGAACATCTGCCTCCAGCTGAGCAGGCCAAAGCCAGACTGCAATT
 GGTCTTGAAGCTGCTGCAAAAGCTGATGAAGCATTAAAGCCAAAGAAAGGAGTGAGGAAGAAGCAAAAG
 AGAAGAAAAGAAGAAGACCAAGCCACCCTGGTAGAACAGTCAAAAGAGTAAAGGAAATCGAAGCAATTG
 AAAGTGATTCTTTGTTTCAGCAGACATTCAGATCAAGTAAAGACGTCAAAAAGCTATTTATTGAAAAGGC
 CGAGGCTGAAGAAAAGTGTTCAAGAGATTAATCGCTCTCCGACAAGAAAGGCTGATGGGCAGTCCCGTG
 GCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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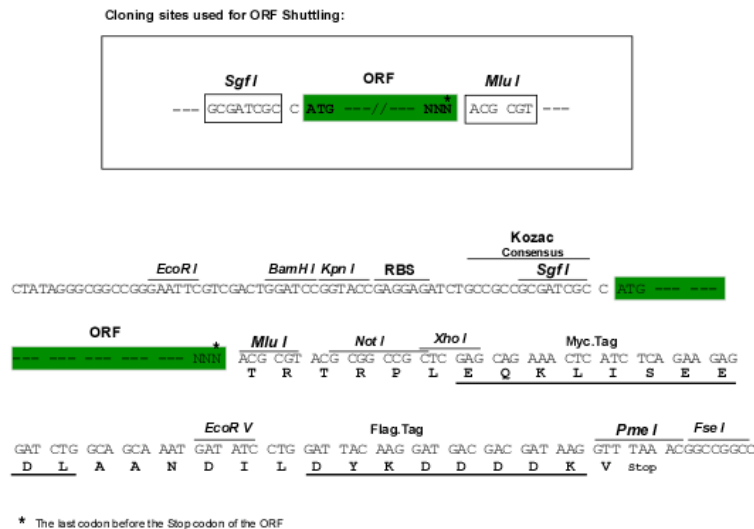
Protein Sequence: >MR203799 protein sequence
 Red=Cloning site Green=Tags(s)

MGRRSSDTEEESRSKRKKKHRRSSSSSSSDSRTYSRKKGRRPRSDSRWSRDRQLRSHSYERRRRSS
 SSSYGSRKRKRSRSGRGKPYRVQSRSKSRTRRSRPRPRSHSRSSGRSSHRRTSRSRDRDRRKVR
 DKEKREKDKGDKKEVHSIKRGDSGNIKAGLEHLPPAEQAKARLQLVLEAAAKADEALKAKERSEEEAK
 RRKEEDQATLVEQVKRVKEIEAIESDSFVQOTFRSSKDVKKLFIEKAEAEKWFKRLIALRQERLMGSPV
 A

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC038303

ORF Size: 843 bp

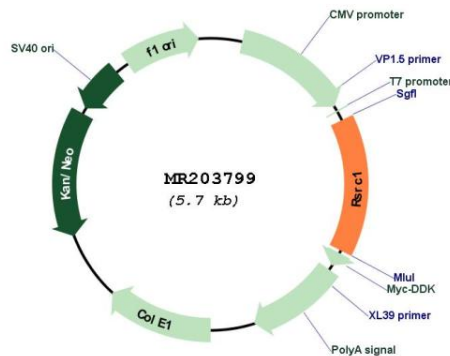
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC038303</u> , <u>AAH38303</u>
RefSeq Size:	1182 bp
RefSeq ORF:	845 bp
Locus ID:	66880
Cytogenetics:	3 E1
MW:	33.1 kDa
Gene Summary:	Plays a role in pre-mRNA splicing. Involved in both constitutive and alternative pre-mRNA splicing. May have a role in the recognition of the 3' splice site during the second step of splicing (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203799