

Product datasheet for **MR209039**

Rspryl (NM_026274) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Rspryl
Synonyms:	4930470D19Rik; AI608258
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >MR209039 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATTGTCTTTGGTTGGGCTGTGTTCTTAGCAAGCAGAAGCCTTGGTCAGGGTCTGCTGCTGACTCTTG
 AGGAGCACATAGCCCACCTATTGGGGACTACAGGTGCCACTGCTACTATGGGTAATTCCTGCATCTGCCG
 AGATGACAGTGGAGCAGAAGACAATGTTGACACCCACCAGCAACAGGCTGAGAACAGTACAGTCCCTACT
 GCTGATAGTAGGAGCCAACCTCGGGACCTGTCCGGCCTCCAAGGAGAGGCCGAGGACCTCATGAGCCAA
 GGAGAAAGAAACAAAATGTGGATGGGTTAGTCTGGACACACTGGCGGTAAACGGACTCTTGATAGATAA
 TGATCAGGAACCTCCTTATTCATGATTACATTACATGAAATGGCAGAAACAGATGAAGGATGGTTGGAT
 GTTGTCCAGCTCTTAATTAGAGTTATTCCATTGGAAGATCCATTGGGACCAGCTGTTATAACCTTGTTAC
 TAGACGAATGTCCATTGCCACTAAAGATGCACTCCAGAAATTGACCGAAATCTCAATTTAAATGGAGA
 GGTAGCATGCCAGGACTCAGGCCACCTGCCAAACATAGGAATACATCCGCAGTCTTGGGCTGTTTGGCT
 GAGAACTAGCAGTCTGCAAGCATAGGTTTACTTAGCCAGGAATACTGGAATATTTGCTACAGTGTC
 TGAAGTTACAGTCCACCCACAGTCATGCTTTTGCAGTATTGCACTGGAAAAGTTTGCCAGACAAG
 TGAGAATAAATTGACTATCTCTGAATCCAGTATCAGTGACCGACTGGTCACATTGGAGCTGTGGGCTGAT
 GATCCTGATTATCTGAACGTCAGTTGGCTTCTGTGCCAGTGGAGCTTAGACAATCTCTTTTAAAG
 AAGGTAGACAATAACCTACGAGAAAGTGACTTGAATAACATTAGGGCCATGCTGAACAGCAATGATGT
 CAGCGAGTACTTGAAGATCTCACCTCACGGCTTGAGGCTCGCTGTGACGCCTCCTCTTTGAGAGTGTA
 CGCTGCACTTTTGTGTGGCACTGGGGTGTGTTACTATGAAGTAACAGTGGTCACTTCTGGTGCATGC
 AGATTGGCTGGGCTACTCGAGACAGCAAGTTTCTCAACCACGAAGGATACGGCATTGGGGACGATGAGTA
 CTCCTGTGCCTACGATGGCTGCCGGCAGCTGATTGGTACAATGCCAGAAGTAAGCCTCATGTGCCCCG
 TGCTGGAAGGAAGGAGACACAGTAGGGTTCCTGTTAGACTTGAATGAAAAGCAAATGATCTTCTTTTAA
 ATGGCAACAGCTGCCTCCTGAGAAGCAAGTCTTTTCACTCCACCGTATCTGGATTTTTTGTGCACTAG
 TTTTATGTCATACCAACAATGCGAGTTCAATTTTGGAGCAAGACCATTCAAATACCCACCATCTATGAAA
 TTTAGCACTTTTAAATGATTACGCCTTCTTCAACAGCTGAAGAAAAGATAATTTTCCCAAGGCACAGGCGCC
 TTGCTCTGCTGAAGCAAGTCAGTATTCGCGAGAACTGCTGTTGCTCTGTTGTGATGAGGTGGCAGACAC
 ACAGCTGAAGCCTTGTGGACACAGCGACCTGTGCATGGATTGTGCCTTGAACCTGGAGACCTGCCATTG
 TGTCTGTAAGAAAATAGTGTCTAGAATCAGACAGATTTCTCATTTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209039 protein sequence
 Red=Cloning site Green=Tags(s)

MIVFGWAVFLASRLGQGLLLTLEEHIAHLLGTTGATATMGNSICRDDS GAEDNVDTHQQQAENSTVPT
 ADSRSQPRDPVRRPRRGPHPRRKQNV DGLVLDLAVIRTLVDNDQEPYSMITLHEMAETDEGWLD
 VVQSLIRVIPLEDPLGPAVITLLLDCEPLPTKDALKL TEILNLNGEVACQDSGHPAKHRNTSAVLGCLA
 EKLGPASIGLLSPGILEYLLQCLKLQSHPTVMLFALIALEKFAQTSENKLTI SESSISDRLVTLLEWAD
 DPDYLRQVGFCAQWSLDNFLKEGRQLYEKVDLNNIRAMLSNDVSEYLKISPHGLEARCDASSFESV
 RCTFCVDTGVWYVEVTVTSGVMQIGWATRDSKFLNHEGYIGDDEYS CAYDGCRLIWYNARSKPHVHP
 CWKEGDTVGFLLDLNEKQMIFFLNGNQLPPEKQVFSSTVSGFFAAASFMSYQQCEFNFGARPFKYPPSMK
 FSTFNDYAFLTAEKIIIPRRRLALLKQVSIRENCCSLCCDEVADTQLKPCGHS DLCMDALQLET CPL
 CRKEIVSRIRQISHIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026274

ORF Size: 1728 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:

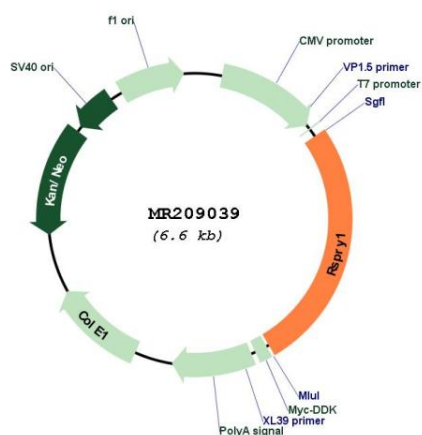
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_026274.4](#)

RefSeq Size:	3849 bp
RefSeq ORF:	1731 bp
Locus ID:	67610
UniProt ID:	Q8BVR6
Cytogenetics:	8 C5
MW:	64.3 kDa

Product images:



Circular map for MR209039