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Product datasheet for MR210444

Raver1 (NM_027911) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Raver1 (NM_027911) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Raver1
Synonyms:	1300006N24Rik; AA050359; mKIAA1978
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>MR210444 representing NM_027911
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCCGACGTGTCCGTTACTCACCGGCCGCCGCTGAGCCCAGAGGCGGAGGCCGAAGCGGAAACTC
CCGAGACCGTCGATCGCCGGGCGCCCGAACAAGAGTTGCCGCCGCTCGATCCGGAAGAGATCCGGAAACG
CCTGGAACACACTGAGCGCCAGTTCCGTAACCGCCGCAAGATACTGATCCGAGGCCTCCCGGGGGACGTG
ACCAACCAGGAAGTACATGACCTCCTGAGCGACTACGAACTCAAGTACTGTTTCGTGGACAAATACAAAG
GGACAGCTTTTGTGACTCTGCTGAATGGGGAGCAGGCTGAAGCTGCCATCAACACCTTCCACCAGAGCCG
CCTTCGAGAGCGGGAGCTGTCAGTTCAGTTGCAGCCTACCGATGCTCTGCTGTGCGTGGCCAACCTACCA
CCTAGTCTGACACAGGCACAATTTGAAGAGCTGGTGCGGCCCTTTGGCAGCCTGGAGCGCTGCTTCCTAG
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CAGGGCCAAGTCTGACTTGCTGGGCAAGCCACTGGGCCCACGCACACTGTATGTGCACTGGACAGATGCT
GGGCAGCTGACCCCTGCATTGTTGCACTCTCGATGCCTCTGTGTGGACCACCTGCCACCTGGCTTCAGTG
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GAAGCCTGGGATCCTGGGCGACTCACCTCTGGGTACCCTCCAGGCCGGGGCCCAACCTTCCAACTCCCTC
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CCTCCTACTTCACCAGTGGCCTACAGGCTGGCCTCAAGCAGAGCCACCTGAACAAGGCTGTTGGTTCCTC
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GCTACGTGGGCCAGCACTCCCAGGGCCTCGGCGGCCACTACGCGGACTCCTACCTGAAGCGGAAGAGGAT
TTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR210444 representing NM_027911
Red=Cloning site Green=Tags(s)

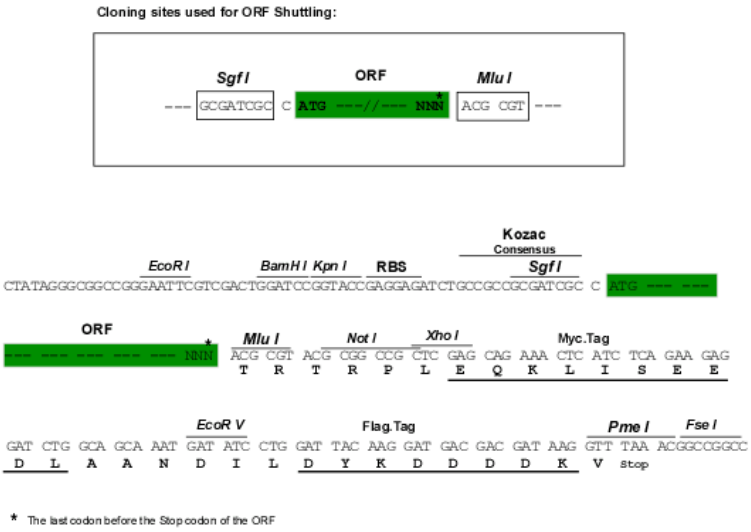
MAADVSVTHRPPLSPEAEAEAETPETVDRRAPEQELPPLDPEEIRKRLEHTERQFRNRRKILIRGLPGDV
TNQEVHDLLSDYELKYCFVDKYKGTAFVTLLNGEQAEAAINTFHQSRLRERELSVQLQPTDALLCVANLP
PSLTQAQFEELVRPFGSLERCFLVYSERTGHSKGYGFAEYMKKDSAARAKSDLLGKPLGPRTLYVHWTDA
GQLTPALLHSRCLCVDHLPPGFSDVDALRRALSVVYTPTFCQLACGQDGQLKGFAVLEYETAEMAEAAQE
RADGQALGDSHLRVSFCAPGPPGRSMLAALIAAQATALNRGKGLLPEPNLLQLLNNLGPSASLQLLLNPL
LHGGASGKQGLLGAPPAMPLLSGPALSTALLQLALQSQSQNQSQGQKKPGILGDSPLGTLQAGAQPSNSL
LGELSAGGGLAPELPPRRGKPQPLLPPLLGPSGGDREPMGLGPPATQLTPPPAPVGLRGSNHRGLPKDSG
PLPTPPGVSLLGEPPKDYRIPLNPYLNLHSLLPSSNLAGKETRGWGGSGRGRRPAEPPLPSPAVPGGGSG
SNNGNKAFQMKSRLLSPIASNRLPPEPGLPDSYGFDYPTDVGPRRLFSHPREPTLGAHGPSRHKMSPPPS
SFNEPRSGGGSGGPLSHFYSGSPTSYFTSGLQAGLKQSHLNKAVGSSPMGSSEGLLGLGPGPNGHSHLLK
TPLGGQKRSFSHLLPSPEPSPEGSYVGQHSQGLGGHYADSYLKRKRIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9096_c03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_027911

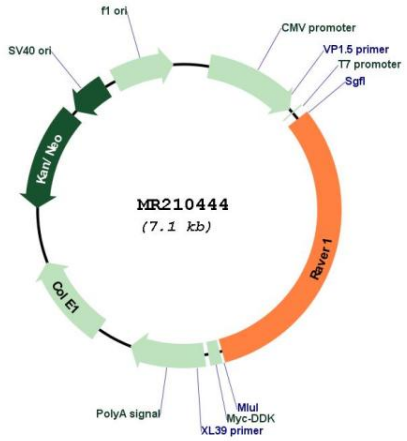
ORF Size: 2244 bp

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_027911.4
RefSeq Size:	3465 bp
RefSeq ORF:	2247 bp
Locus ID:	71766
UniProt ID:	Q9CW46
Cytogenetics:	9 A3
MW:	79.4 kDa
Gene Summary:	Cooperates with PTBP1 to modulate regulated alternative splicing events. Promotes exon skipping. Cooperates with PTBP1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210444