

Product datasheet for **RN213895**

Raver1 (NM_001013939) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Raver1 (NM_001013939) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Raver1
Synonyms:	Raver1h
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213895 representing NM_001013939
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCGACGTGTCCGTTACTACCGGCCCGCTCAGCCCGAGGGCGAGGCCGAAGCGAAACTC
 CCGAGACCGTCGATCGCCGGACACCCGAACAAGAGTTGCCGCGCTCGATCCGGAAGAGATCCGGAACG
 CCTGGAACACACTGAGCGCCAGTTCCTGAACCGCCGAAGATACTGATCCGAGGCCCTCCCGGGGACGTG
 ACCAACCCAGGAAGTACATGACCTCTGAGCGACTACGAACTCAAGTACTGTTTCGTGGACAAATACAAAG
 GGACAGCTTTTGTGACCTGCTGAATGGGGAGCAGGCTGAAGCTGCCATCAACACCTTCCACCAGAGCCG
 CCTTCGAGAGCGGGAGCTGTGAGTTCAGTTGCAGCCTACTGATGCTCTGCTGTGTGTGGCCAACTGCCA
 CCTAGTCTGACACAGGCGCAATTTGAAGAGCTGGTGGCCCTTTGGCAGCCTGGAGCGCTGCTTCTAG
 TGTACAGTGAAGCGCACTGGCCACTCTAAGGCTATGGCTTTGCAGAGTACATGAAGAAAGACTCGGCTGC
 CAGGGCCAAGTCTGACTTGTAGCAAGCCACTGGGCCACGCACACTGTACGTGACTGGACAGATGCT
 GGGCAGCTGACCCCTGCATTGTTGCACTCTCGGTGCCTCTGTGTGGACCCTGCCACCTGGCTTCAACG
 ATGTGGATGCTCTGCGCCAGGCTCTGTCCGGCTCTATACCCCACTTCTGTGACTGGCAAGTGGCCA
 GGATGGGACGCTAAAGGGCTTCGCGTACTGGAGTACGAGACAGCAGAGATGGCAGAGGCAGCACAAACAG
 CGGGCAGATGGCTGGCCCTGGGTGGCAGCCACTACGTGTGCTTTCTGTGCTCCAGGTCCCCAGGCC
 GCAGCATGTTGGCGGCACTATTGCTGCCAGGCCACGGCTCTCAATCGAGGCAAGGGACTCCTGCCTGA
 GCCAAATCCTCGAGCTATTGAACAACCTGGGCCATCTGCCTCCCTCCAGTGTCTCTCAACCCCTG
 CTGCATGGAGGTGCCAGTGGCAAGCAGGCCCTCTGGGTGGCCCCCTGCCATGCCGCTGCTCAGTGGGC
 CTGCCCTGTCTACTGCACTGCTGAGCTAGCCCTGCAGAGCCAGAACCAGAGCCAGAGCCAGAGCCAGAA
 GAAGCCTGGGATCCTGGGAGACTCACCTCTGGGTACCCTCCAGGCGGGGCCAACCTTCCAACCTCTCTC
 CTAGGAGAGCTGTCTGCAGGGGGGGCCTGGCCCCGGAAGTCCCGCCGAGGGAAGCCACAACCCCT
 TACTACCACCATTTGCTGGGCCCTCTGGGGGTGACCGGGAGCCATGGGTCTGGGTCCCCAGCATCCCA
 GCTCACTCCACCCAGCCCTATGGGGTCCGAGGCTCCAGTCTTAGAGGCTCCCGAAGGACAGTGGG
 CCCCTGCCAACGCCCTGGGGTCTCACTGCTGGGGGAACCCCCAAAGGACTACCGCATCCCCCTCAACC
 CCTACCTGAATCTACACAGCCTGCTTCCATCCAGTAACCTAGCAGGCAAGGAGACCCGGGGTGGGGAGG
 CTCTGGGAGAGGCCGCCGCCAGCGGAGCCCCCTTGCCTAGCCCTGCAGTTCCTGGTGGAGGCAATGCT
 AGCAACAATGGCAGCAAAGCCTTCCCAATGAAGCCCCGCTGCTCAGCCCATCGCCAGCAACCGCCTGC
 CCCTGAGCCAGGCTGCCGACAGCTACAGCTTTGATTACCCACAGATGTGGGACCTAGACGGCTCTT
 CTCCCACCTCGGGAATCAAACCTTAGGGGCTCATGGCCCCAGCCGACACAAGATGTCCCCCCACCTAGC
 AGCTTCAGTGAGCCTCGCAGTGGTGGAGGCAAGTGGGGACCCCTCTCTCATTTCTATTCTGGCTACCCCA
 CCTCTACTTACCAGTGGCCTACAGGCTGGCCTCAAGCAGAGCCACCTGAACAAGGCTGTGCGTTCCCTC
 CCCAATGGGCTCCAGTGAAGGGCTCCTGGGCTGGGCCAGGGCCCAATGGTCACAGTCACTGTGTAAG
 ACCCCACTGGGTGGCCAGAAACGCAGTTTTTCCACCTGCTGCCCTCACCTGAGCCAGCCAGCCAGAAGGCA
 GCTACGTGGGCCAGCACTCCAGGGCTTGGTGGCCACTACGCGGACTCTACCTGAAGCCGAAGAGGAT
 TTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013939
Insert Size: 2247 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001013939.1 , NP_001013961.1
RefSeq Size:	3473 bp
RefSeq ORF:	2247 bp
Locus ID:	298705
UniProt ID:	Q5XI28
Cytogenetics:	8q13
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 (By similarity).[UniProtKB/Swiss-Prot Function]