

Product datasheet for **SC318235**

RAVER1 (NM_133452) Human Untagged Clone

Product data:

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|---------------------------|-----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | RAVER1 (NM_133452) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RAVER1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >SC318235 representing NM_133452.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCGCTCCGCCCGGCTCGCTGGTCCCAGAAGGCGCCGGGTTTCCAAGATGGCGCGGACGTGTCC
GTTACTACCGGCCCCCGCTGAGCCCTAAGTCTGGGGCCGAAGTGAAGCCGGCGATGCCGCGGAGCGC
CGGGCGCCGGAAGAAGAGCTGCCGCTTAGATCCAGAAGAGATCCGAAACGCCCTGGAACACACCGAG
CGCCAGTTCGTAACCGCCGCAAGATACTGATCCGGGGCCTCCCGGGGACGTGACCAACCAGGAAGTA
CATGACCTGCTCAGTGACTATGAGCTCAAATACTGTTTTGTGGACAAATACAAAGGGACAGCCTTCGTG
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GAACTGTCGGTGCAGCTGCAGCCACGGATGCCCTGCTGTGTGTGGCCAACTGCCCCCAGCCTCACA
CAGCAGAGTTCGAGGAGCTGGTGGCCCTTCGGCAGCCTGGAGCGCTGCTTCTGGTCTACAGTGAG
CGCACTGGCCAATCCAAGGGCTATGGCTTGTGAGTACATGAAGAAGGACTCGGCTGCCGTGCCAAG
TCGGACCTGCTGGCAAGCCGCTGGGACCACGCCCTCTACGTGCACTGGACGGATGCCGGCAACTG
ACGCTGCCCTTCTCCACTCCCGCTGCCTGTGTGGACCGCTGCCACCTGGTTC AACGATGTGGAC
GCTCTGTGCCGGGCGCTGTCAGCTGTCCACAGCCCCACCTTCTGCCAGCTGGCGTGGCCAGGATGGG
CAGCTGAAGGGCTTCGCGGTGCTGGAGTATGAGACGGCTGAGATGGCGGAGGAGCACAGCAGCAGGCG
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ATGCTGGCCGCTCTCATCGCTGCCCAGGCCACGGCCCTCAATCGGGGAAGGGACTCCTCCCCGAGCCC
AACATCCTGCAGTGTCAACAACCTGGGCCATCCGCGTCCCTCCAGCTGCTGCTCAACCCCTGCTC
CATGGCAGTGGGGGGGAAGCAGGGCCTCCTGGGTGCCCCCAGCCATGCCGTGCTCAATGGGCCA
GCCCTGTCCACGGCGCTTTGACGCTCGCCCTGCAGACCCAGGGCCAGAAGAAGCCGGCATCCTGGGA
GACTACCCCTGGGCGCCCTCCAGCCTGGGGCCAGCCAGCCAACCCCTCCTCGGGGAGCTGCCGCA
GGAGGGGGCCTGCCCCGGAGCTGCCGCCCGGGAGGGAAGCCACCACCCTGCTGCCATCCGTGCTT
GGCCCTGCTGGGGTGACCGGGAGGCCCTGGGCTTGGGTCCCCAGCGGCCAGCTCACTCTCCCCC
GCCCTGTGGGGTCCGAGGCTTGGCCTCAGAGGCTCCAGAAAGACAGTGGGCTCTGCCGACGCC
CCTGGGTCTCACTGCTGGGGAGCCCCCAAGGACTACCGATTCCCCTGAATCCCTACCTGAACCTA
CACAGCCTGCTCCCGCCAGCAACTGGCGGTAAAGAGGCCCGGGCTGGGAGGCGCCGGGAGAAGC
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GACAGCTACAGCTTCGACTACCCCTCGGACATGGGACCTCGGCGGCTTCTCTCCACCCAGGGAAACA
GCCCTTGGGCTCACGGACCCAGCCGACACAAGATGTCCCCCGCCAGTGGCTTCGGGAACGGAGC
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GGCCTGCAGGCTGGCCTCAAGCAGAGCCACCTCAGTAAGGCAATCGGCTTCTCCCGCTGGGGTCCGGA
GAAGGGCTCCTGGGCTCAGCCCCGGCCATATGGTCACAGCCACCTGCTGAAGACCCCACTGGGCGGC
CAGAAACGCAGCTTTGCCACCTGCTGCCCTCGCCGAGCCAGCCAGAAGGCAGCTATGTGGGCCAG
CACTCCAGGGCCTCGGCGGCCACTACGCGGACTCCTACCTGAAGCGGAAGAGGATTTTCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_133452

Insert Size: 2271 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).

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| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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_133452.2 |
| RefSeq Size: | 3606 bp |
| RefSeq ORF: | 2271 bp |
| Locus ID: | 125950 |
| UniProt ID: | Q8IY67 |
| Cytogenetics: | 19p13.2 |
| MW: | 79.6 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 (By similarity).[UniProtKB/Swiss-Prot Function] |