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Product datasheet for SC318149

RAVER2 (NM_018211) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAVER2 (NM_018211) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAVER2
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_018211, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCGGCGGCGGGAGACGGCGGCGGCGAGGGGGGCGCGGGCCTGGGCAGCGCGGCG
GGGCTGGGGCCGGGGCCGGGGCTGCGCGGGCAGGGCCCCTCAGCCGAAGCGCACGAGGGC
GCCCCGGACCCGATGCCCGCCGCGCTGCACCCTGAGGAGGTCGCCGCGCGACTGCAGCGG
ATGCAGCGGGAGCTGAGCAACCGCAGGAAAATCCTGGTGAAAAACCTGCCCCAGGACAGC
AACTGCCAGGAAGTTCATGATTTGTTAAAAGACTATGACTTAAAATATTGTTATGTGGAC
AGAAATAAACGAACAGCTTTTGTTACCTTATTGAATGGGGAACAAGCCCAGAACGCAATT
CAGATGTTTCATCAATATTCTTTTAGAGGAAAAGACTTAATAGTCCAGCTTCAGCCAACA
GATGCTTTGTTGTGTATTACCAACGTGCCCATTTCTTTTACATCAGAAGAGTTTGAAGAA
CTTGTTCGTGCTTATGGAAATATTGAGAGATGTTTTCTGGTCTATAGTGAAGTTACTGGC
CATTCCAAAGGCTATGGATTTGTGGAATACATGAAAAAGGACTTTGCTGCAAAGGCTAGA
CTGGAGCTATTGGGTAGACAGTTGGGAGCATCAGCACTCTTTGCACAATGGATGGATGTT
AATCTATTGGCTTCAGAGCTCATTCATTCTAAGTGCCTTTGTATTGATAAACTCCCCAGT
GACTACAGGGATTCAGAAGAGCTGTTGCAAATTTTTTCCAGTGTCCATAAACCTGTGTTT
TGCCAGCTTGCACAGGATGAAGGTAGTTACGTTGGTGGCTTTGCAGTGGTTGAATATAGC
ACTGCGGAGCAGGCTGAAGAGGTCCAGCAGGCAGCAGACGGTATGACCATCAAGGGCAGC
AAAGTCCAGGTTTCCTTCTGTGCTCCTGGAGCGCCAGGGCGAAGTACATTAGCAGCATTG
ATAGCGGCTCAACGTGTGATGCACAGTAATCAAAAGGGCTTACTTCCAGAGCCAAATCCA
GTACAAATTATGAAAAGTTTAAACAACCCTGCCATGTTGCAAGTTCTTCTACAGCCCCAG
TTATGTGGACGAGCTGTTAAACCAGCCGTTCTTGGAACACCTCACAGCTTGCCACATCTG
ATGAATCCATCCATCTCTCCTGCATTTTTACATTTGAATAAAGCACATCAGAATCTTTCT
CATATACCACTGGCACAACAACAATTAATGAAGTTTGAGAATATTCATACTAATAATAAA
CCCGGCTTACTTGGAGAGCCCCCAGCTGTGGTACTTCAGACTGCACTAGGGATAGGGTCA
GTGCTTCCATTGAAAAAGGAGTTGGGACATCATCATGGAGAAGCACATAAAACATCTAGC
CTGATTCCAACTCAAACAACGATAACAGCTGGAATGGGCATGTTACCATTCTTTCCAAAT
CAGCACATTGCTGGACAGGCTGGGCCAGGGCACAGTAATACTCAGGAGAAACAGCCAGCC
ACGGTGGGAATGGCAGAAGGAAATTTCTCAGGGTCGCAGCCTTATCTTCAGAGCTTTCCA
AACCTTGCTGCTGGAAGCTTGCTGGTGGGACACCATAAGCAGCAGCAAAGCCAGCCAAAA
GGCACAGAGATAAGTTCAGGGGCTGCCTCTAAGAATCAAACTTCACTCTTGGGAGAACCA
CCAAAAGAAATTCGGCTCAGTAAAAATCCATACTTGAATTTGGCAAGTGTGTTGCCCAGT
GTGTGCTTATCATCCCCTGCAAGTAAAACCACTCTTCATAAGACTGGAATTGCAAGCAGC
ATTCTGGATGCAATCTCTCAGGGAAGTGAATCACAACACGCATTGGAAAAGTGCATTGCT
TATTCTCCACCTTTTGGTGATTATGCACAGGTGTCATCTTTAAGAAATGAAAAGCGAGGC
TCATCATATCTCATCTCTGCCCCAGAAGGTGGTTCAGTGGAATGTGTTGACCAGCATTCT
CAGGGCACAGGAGCATATTACATGGAAACTTACTTAAAAAAGAAGCGAGTATAC

Restriction Sites: Please inquire

ACCN: NM_018211

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).

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:	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_018211.2, NP_060681.2
RefSeq Size:	4352 bp
RefSeq ORF:	2037 bp
Locus ID:	55225
UniProt ID:	Q9HCJ3
Cytogenetics:	1p31.3
Gene Summary:	May bind single-stranded nucleic acids.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.