

Product datasheet for SC115993

ARPP19 (NM_006628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARPP19 (NM_006628) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARPP19
Synonyms:	ARPP-16; ARPP-19; ARPP16; ENSAL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115993 sequence for NM_006628 edited (data generated by NextGen Sequencing)

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ATGTCTCGGGAAGTCCCCGAGGCAGCCTCCGCGGAGGAGCAGAAGGAAATGGAAGATAAA
GTGACTAGTCCAGAGAAAGCAGAAGAAGCAAAATTTAAAGCAAGATATCCTCATCTGGGA
CAAAGCCTGGAGGTTTCAGATTTCTTAAGGAAACGGTTGCAGAAAGGGCAAAAATATTTT
GATTCTGGGGATTACAACATGGCTAAAGCAAAAATGAAGAACAAGCAACTTCTACTGCA
GCTCCGGATAAGACGGAGGTCAGTGGTGACCACATTCCTCACTCCGCAAGACCTTCTCAA
CGGAAGCCGTCCTTGTGCTAGCAAGCTGGCTGGCTGA
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Clone variation with respect to NM_006628.4

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006628 unedited GTATTTTGTAAATACGACTCACTTATAGGGCGGCCGCAATTCGCACGAGGCATTTTCGCG GGCGGAGGCGGCCGCGGGCCCTGGGAGAGCTGGGACGGCGCGCGCGGGTGGCCTCG GCCACCCGCTAATTGCATCTTTTCCCGCGTCTCGTCTGCAGAGGGAGCACTATGTCTGC GGAAGTCCCCGAGGCAGCCTCCGCGGAGGAGCAGAAGGAAATGGAAGATAAAGTGACTAG TCCAGAGAAAGCAGAAGAAGCAAAATTTAAAGCAAGATATCCTCATCTGGGACAAAAGCC TGGAGGTTTCAGATTTCTTAAGGAAACGGTTGCAGAAAGGGCAAAAATATTTTATTCTGG GGATTACAACATGGCTAAAGCAAAAATGAAGAACAAGCAACTTCTACTGCAGCTCCGGA TAAGACGGAGGTCAGTGGTGACCACATTCCTCACTCCGCAAGACCTTCTCAACGGAAGCC GTCCCTTGTGCTAGCAAGCTGGCTGGCTGATTAAGAGGCTGAAGTGCATGAATCTGCTA AATCTCATTATTTCTCCTAATATGTTACTTATCTACTTTTTATTTTCTTTCATTCACTA GTCATTTGAGACTGACAGCTTTGCAGGTAGCAGTAGTGTGTGCTGCTATTGTGGAATATA CGTGTGTAGAGTTTTTATTAGTTTAAACAGTGCAGTGGTGAAGAGGACATGTTAGAGCAA CATAAGTAAACTACTTGAATAGTTGTATATATTACCTAACTTCTAGTGTAGTACTGTT CTAACAAAGTAACCAAGCAGTTTTAANAATTTAATGTTTTGGCTNTCATTACTTCATCTTA ATTATAGCTTT
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Restriction Sites:	NotI-NotI
ACCN:	NM_006628
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:	<u>NM_006628.4</u> , <u>NP_006619.1</u>
RefSeq Size:	5162 bp
RefSeq ORF:	339 bp
Locus ID:	10776
UniProt ID:	<u>P56211</u>
Cytogenetics:	15q21.2
Domains:	endosulfine
Protein Families:	Druggable Genome
Gene Summary:	<p>The 19-kD cAMP-regulated phosphoprotein plays a role in regulating mitosis by inhibiting protein phosphatase-2A (PP2A; see MIM 176915) (summary by Gharbi-Ayachi et al., 2010 [PubMed 21164014]).[supplied by OMIM, Feb 2011]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an in-frame exon in the CDS. The encoded isoform (2) is shorter than isoform 1. Both variants 3 and 4 encode isoform 2.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>