

Product datasheet for **SC115939**

C7orf16 (PPP1R17) (NM_006658) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C7orf16 (PPP1R17) (NM_006658) Human Untagged Clone
Tag: Tag Free
Symbol: C7orf16
Synonyms: C7orf16; GSBS
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_006658 edited
 ATGATGTCCACTGAGCAAATGCAGCCACTGGAACCTCTCAGAAGACAGACTGGACAAGCTA
 GACCCCTCGTTGCAGCCACTTAGATGATCTTTAGACCAGTTCATTAAGGACTGTGATCTC
 AAAAAAGAAGCCTAGAAAGGGAAAAAATGTACAGGCCACCCTGAATGTTGAGTCAGACCAA
 AAAAAACCAAGGAGGAAAAGATACACCGGCGCTGCACATCCCACCTTTCATACCAGGTGTG
 TTTTCAGAACATTTAATTAAGATACGATGTTCAAGAGAGACATCCAAAGGGCAAAATG
 ATCCCTGTTCTTCATAACACTGACCTGGAACAGAAAAAGCCAAGGAGAAAAAGACACACCT
 GCCCTGCACATGTCCCCTTTGCAGCAGGTGTGACATTGCTCAGGGACGAGAGACCCAAA
 GCAATCGTGAAGATGACGAAAAGGATGGTGACAAGATAGCTATTTAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_006658 unedited
 NGGTGTTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCCCAG
 CCTCGGTGAGCACACACGCCCTCCCTGTCTCTCGCCTTCGCTTCCCTGCATCTGCGCTGA
 TTGTGCTGGAGAAGAAATACATCCACCCACCCTCCTTTGATGATGTCCACTGAGCAAATG
 CAGCCACTGGAACCTCTCAGAAGACAGACTGGACAAGCTAGACCCTCGTTGCAGCCACTTA
 GATGATCTTTAGACCAGTTCATTAAGGACTGTGATCTCAAAAAGAAGCCTAGAAAGGGA
 AAAAAATGTACAGGCCACCCTGAATGTTGAGTCAGACCAAAAAAACAAGGAGAAAAGAT
 ACACCGGCGCTGCACATCCCACCTTTCATACCAGGTGTGTTTTTCAGAACATTTAATTTAA
 AGATACGATGTTCAAGAGAGACATCCAAAGGGCAAAATGATCCCTGTTCTTCATAACACT
 GACCTGGAACAGAAAAAGCCAAGGAGAAAAAGACACACCTGCCCTGCACATGTCCCCTTT
 GCAGCAGGTGTGACATTGCTCAGGGACGAGAGACCCAAAGCAATCGTGGAAGATGACGAA
 AAGGATGGTGACAAGATAGTATTTAAAGATAGTTCCTGAGACCCTTGTAATAGGT
 TAGATTGGTCCCTGTGGTGACCTAGAGAAAAAATAGACTTGTCTGCTCTCATTNTTG
 TCATCGTCTGACTTGAAGATTGACACACCTTCTCCCAGAGATGTATGCCATCAAATTGC
 CAGNACCTCTNTGGCTCTCTCTTCTTGAGTATGGNTCTATTCTGNNGTTTGAATTTT
 ATTTTCTATGCAGTGGAANAGAACAGATCTTCTAAATGAGAGGTACAGAGCCCCCGNGG
 GGGTCCGTTTCTG



[View online »](#)

Restriction Sites:	NotI-NotI
ACCN:	NM_006658
Insert Size:	4470 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:	<u>NM_006658.2</u> , <u>NP_006649.1</u>
RefSeq Size:	1824 bp
RefSeq ORF:	468 bp
Locus ID:	10842
UniProt ID:	<u>O96001</u>
Cytogenetics:	7p14.3
Protein Pathways:	Long-term depression
Gene Summary:	<p>The protein encoded by this gene is found primarily in cerebellar Purkinje cells, where it functions as a protein phosphatase inhibitor. The encoded protein is a substrate for cGMP-dependent protein kinase. An allele of this gene was discovered that increases susceptibility to hypercholesterolemia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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>