

Product datasheet for **SC100051**

PPP1R35 (NM_145030) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R35 (NM_145030) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R35
Synonyms:	C7orf47
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145030, the custom clone sequence may differ by one or more nucleotides

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ATGATGATGGTTGTGGGAGTCAGAGCTGAAGTCGGCGGACGGGGAAGAAGCCGCGCGGTCCCGGGGC
CACCCCGGAGCCCCAAGTCCCGCAACTCCGAGCCCCAGTGCCCGAGCCCGGCTGGACTTGAGCCTGAG
CCCGCGGCCCGACAGCCCTCAGCCGCGGCACGGCAGCCCCGGGCGGCGGAAGGGCGGGCGGAGCGGCGG
GGCGCGGCTCGGCAGCGGCGGCAGGTCCGCTTCCGCTGACGCCGCCCTCCCGGTGCGGTCCGAGCCGC
AGCCTGCGGTGCCGAGGAGCTGGAGATGCCCCTGCTGAAGAGCAGCCTGGCCTTGGGCCTGGAGCTGCG
GGCCGAGCCGGGAGCCACTTTGATGCTGCGAAGGCCGTGGAGGAACAGCTGAGAAAGTCGTTCCAGATC
CGCTGCGGCTGGAGGAGAGCGTGTCCGAGGGGTGAACGTGCCGCGCTCAAGCGGCTCTTCCGGGACC
TGGTGAGCCTGCAGGTGCCGAGGAACAGTTCTGAATGCCGCGCTCAGGAGAAATTGGCTCTCCTGCC
GCCACAGGCTCGAGCCCCGCACCCAAAGGAGCCACCTGGGCTGGGCCAGACATGACCATCTTGTGTGAC
CCAGAAACGCTATTTTATGAATCTCCACACCTGACCCTGGACGGTCTGCCCCCTCTCCGACTTCAACTCC
GGCCCCGCCCTCAGAGGACACCTTCCTCATGCACCGGACACTGAGGCGATGGGAAGCGTAG
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145030 unedited <pre> GGGGGTCTATGATTTTGTATACGACTCACTATTAGGGCGGCCGGAATTCGCACGAGAA GAGGCGGCAGCCAGGCTGTGTCCCTGACCGTTGGAGCGTCTGCGACCCCGCATCCCCG CACCCTCAAGGCACCTCCAAAGATGATGATGGTTGTGGGAGTCAGAGCTGAAGTCGGC GGACGGGAAGAAGCCGCGCGGTCCCGGGCCACCCCGGAGCCCAAGTCCCGCAACT CCGAGCCCCAGTGCCCGAGCCCGGCCTGGACTTGAGCCTGAGCCCGCGGCCGACAGCCC TCAGCCGCGGCAGGCAGCCCGGGCGGCGGAAGGGGCGGGCGGAGCGGCGGGCGCGGC TCGGCAGCGGCGGCAGGTGAGCGGGGAGGCTGGCCCCGGCCCGCAGCGCCTCGCGCC CACCTGGTCACTGCCCTGCCCTGTGCTCCAGGTCCGCTTCCGCTGACGCCGCCCTCCC CGGTGCGGTCCGAGCCGAGCCTGCGGTGCCGAGGAGCTGGAGATGCCCGTGTGAAGA GCAGCCTGGCCTTGGCCTGGAGCTGCGGGCCGAGCCGGGAGCCACTTTGATGTGCGA AGGCCGTGGAGGAACAGCTGAGANAGTCGTTCCAGATCCGCTGCGGCCTGNAGGAGCG TGTCGAAGGGTGAGGGGGGCGNCGGCCCGCCGCTGCGGGAGTCGNGTGAGGCGCGCC ACTCACCTTCGTNCCCGCTGCGCTCTCAGGNTGAACGTGCCGCGCTTCAAGCGGCTCTT TCCGGACCTGGTGAGCCTGCANGTGNNCCGAGAACAGTTCTGAATGCCGCGCTCAGGNA GAAATTGCTCTNCTGCCGNCACAGGCTCGAGCCCGCACCAAGGAGCCACTGGGCGCT GGCCANACTGACCATCTGTGTGACCCANAACGCTTTTATGAAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_145030
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	<u>NM_145030.1, NP_659467.1</u>
RefSeq Size:	961 bp
RefSeq ORF:	762 bp

Locus ID: 221908

UniProt ID: [Q8TAP8](#)

Cytogenetics: 7q22.1

Gene Summary: Inhibits PPP1CA phosphatase activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).