

Product datasheet for **SC316086**

FIP200 (RB1CC1) (NM_001083617) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FIP200 (RB1CC1) (NM_001083617) Human Untagged Clone
Tag: Tag Free
Symbol: FIP200
Synonyms: ATG17; CC1; FIP200; PPP1R131
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_001083617, the custom clone sequence may differ by one or more nucleotides

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ATGAAGTTATATGTATTTCTGGTTAACTGGAACACTCTAACATTTGACACTGAACT
ACAGTGCAAACACTGTGGCAGACCTTAAGCATGCCATTCAAAGCAAATACAAGATTGCTATT
CAACACCAGGTGCTGGTGGTCAATGGAGGAGAATGCATGGCTGCAGATCGAAGAGTGTGT
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GATTTACAGTTTCTGCAATCATTTTGTCTTCGGAAGTTCAGCCATTCCTCAGGGTTCCC
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 TACTGTCAAGCCAAAAGGCACAAAACAGATTTAAAGTTCCTTTGGGGACAAAAGTTTAC
 AGAGTGAAAGCCGTATCATGGAATAAGAAAGTA

Restriction Sites:	Please inquire
ACCN:	NM_001083617
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:	<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_001083617.1</u> , <u>NP_001077086.1</u>
RefSeq Size:	6661 bp
RefSeq ORF:	4776 bp
Locus ID:	9821
UniProt ID:	<u>Q8TDY2</u>
Cytogenetics:	8q11.23
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene interacts with signaling pathways to coordinately regulate cell growth, cell proliferation, apoptosis, autophagy, and cell migration. This tumor suppressor also enhances retinoblastoma 1 gene expression in cancer cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Nov 2009]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript matching the genomic sequence was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>