

Product datasheet for SC114884

FIP200 (RB1CC1) (NM_014781) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FIP200 (RB1CC1) (NM_014781) Human Untagged Clone
Tag:	Tag Free
Symbol:	FIP200
Synonyms:	ATG17; CC1; FIP200; PPP1R131
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114884 sequence for NM_014781 edited (data generated by NextGen Sequencing)

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Clone variation with respect to NM_014781.4
 701 t=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014781 unedited
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014781 unedited
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 AAATTTGCCCCAGAACTTAACCA

Restriction Sites:

NotI-NotI

ACCN:

NM_014781

Insert Size:

6000 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_014781.3</u> , <u>NP_055596.2</u>
RefSeq Size:	6636 bp
RefSeq ORF:	4785 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 (1) represents the longer transcript and encodes the longer isoform (1). 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>