

Product datasheet for **SC337920**

FILIP1 (NM_001300866) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FILIP1 (NM_001300866) Human Untagged Clone
Tag:	Tag Free
Symbol:	FILIP1
Synonyms:	FILIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300866, the custom clone sequence may differ by one or more nucleotides

ATGAGATCTCGAAACCAAGGTGGTGAAAGTGCATCTGATGGGCATATCTCCTGTCCCAAGCCCTCCATCA
TCGGCAATGCTGGTGAAAAAGTCTCTCAGAAGATGCAAAAAAGAAGAAGAAATCAAATAGGAAGGAGGA
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AAATCCCTGGAGTTATCCAAAGAAGACCTCATCCAACACTCAGTATAATGGAAGGGGAGTTGCAGGCCA
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TGCGGAGCCAGAGAAAGTGTGCGGGTCTGCACCGAGATGCCATTCTTGCCAGGAGAAATCCATAGGA
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CCAGGAAATGCCCATGGGACGGACAATCCTCAAAGTCAACCCAGAAAAACAGACTGTTCCAATCCAGTA
CGGAAATACAACCTCCAATGCCAATATCATAACCACAGAGGACAATAAAATTCACATTCACCTAGGGTCTC
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CATCATTCACAGTTACGAATGAAGTCCAGATGA

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300866
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:	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_001300866.1, NP_001287795.1</u>
RefSeq Size:	3999 bp

RefSeq ORF: 3534 bp

Locus ID: 27145

UniProt ID: [Q7Z7B0](#)

Cytogenetics: 6q14.1

Gene Summary: This gene encodes a filamin A binding protein. The encoded protein promotes the degradation of filamin A and may regulate cortical neuron migration and dendritic spine morphology. Mice lacking a functional copy of this gene exhibit reduced dendritic spine length and altered excitatory signaling. [provided by RefSeq, Oct 2016]
Transcript Variant: This variant (4) has multiple differences compared to variant 1. The encoded protein (isoform 3) has a shorter N-terminus and a shorter, distinct C-terminus, compared to 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.