

Product datasheet for **SC318365**

FILIP1L (NM_014890) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FILIP1L (NM_014890) Human Untagged Clone
Tag:	Tag Free
Symbol:	FILIP1L
Synonyms:	DOC-1; DOC1; GIP90; GIP130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318365 representing NM_014890.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
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Restriction Sites: SgfI-MluI
ACCN: NM_014890
Insert Size: 2682 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).
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:	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_014890.3</u>
RefSeq Size:	3298 bp
RefSeq ORF:	2682 bp
Locus ID:	11259
UniProt ID:	<u>Q4L180</u>
Cytogenetics:	3q12.1
MW:	102.2 kDa
Gene Summary:	Acts as a regulator of the antiangiogenic activity on endothelial cells. When overexpressed in endothelial cells, leads to inhibition of cell proliferation and migration and an increase in apoptosis. Inhibits melanoma growth When expressed in tumor-associated vasculature. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has multiple differences in the UTRs and coding region, but maintains reading frame, compared to variant 1. The encoded isoform (2) has a shorter N-terminus and a distinct C-terminus, compared to isoform 1.