

Product datasheet for **SC303980**

Fascin 2 (FSCN2) (NM_012418) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fascin 2 (FSCN2) (NM_012418) Human Untagged Clone
Tag:	Tag Free
Symbol:	FSCN2
Synonyms:	RFSN; RP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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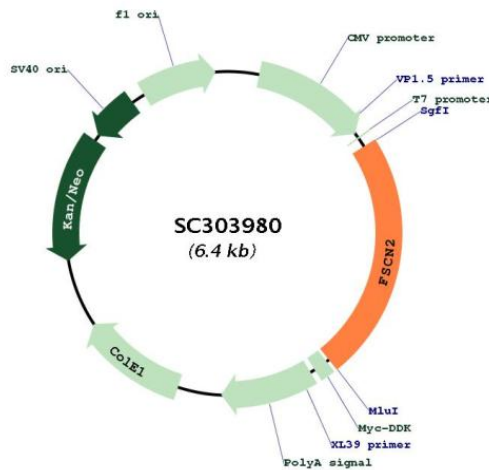
Fully Sequenced ORF: >SC303980 representing NM_012418.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGACGAACGGCCTGCACCAGGTGCTGAAGATCCAGTTTGGCCTCGTCAACGACACTGACCCTAC
GTGACAGCTGAGAGCTTCGGCTTCAAGGTCAATGCCTCGCACCCAGCCTCAAGAGAAGCAGACCTGG
GTGCTGGAACCCGACCCAGGACAAGGCACGGCTGTGCTGCTCCGACGAGCCACCTGGGCCGCTACCTG
TCGGCAGAAGAGGACGGGCGCTGGCCTGTGAGGCAGAGCAGCCGGGCCGTGACTGCCGCTTCTGGTC
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CCGGCCGGGACCGCGCTTTGGGAGTACTGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_012418

Insert Size:	1479 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:	<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:	NM_012418.3
RefSeq Size:	1690 bp
RefSeq ORF:	1479 bp
Locus ID:	25794
UniProt ID:	O14926
Cytogenetics:	17q25.3
MW:	55.1 kDa
Gene Summary:	<p>This gene encodes a member of the fascin protein family. Fascins crosslink actin into filamentous bundles within dynamic cell extensions. This family member is proposed to play a role in photoreceptor disk morphogenesis. A mutation in this gene results in one form of autosomal dominant retinitis pigmentosa and macular degeneration. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) uses an alternate in-frame splice site in the 3' coding region, compared to variant 2, resulting in a shorter protein (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.</p>