

Product datasheet for **RC207492**

Fascin 3 (FSCN3) (NM_020369) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fascin 3 (FSCN3) (NM_020369) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fascin 3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC207492 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGAGACAGAGTGGATACACAGACATCCCAAGGCTGAGGACCTAAGGGTTGGGCTCATCAGCTGGG
 CAGGAACCTACCTCACCTTTGAGGCATGCAAGAATACAGTCACTGCAACTGCGAAGAGTTTGGGCAGGAG
 ACAGACCTGGGAGATCTTGGTGAGCAATGAGCATGAGACACAGGCCGTGGTGCGACTAAAGAGCGTGCAG
 GGCTCTACCTGCTGTGTGAGTGTGATGGCACCCTGTGTTATGGCCGCCAAGGACCAGCCACCATGGGT
 GCTTTCTACTGCTTTCCACCGAACAGCAAGTGGACCCTCCAGTGCCTAATCTCTGGTCGTTATTTGGA
 GTCCAATGGCAAGGACGTGTTTTGCACTTCCACGTCTCTCAGCTTACCACATGTGGACCCCCGACCA
 GCCCTCCATGTCCACGTGATCTCTACAGCCCCATCCACCGCTGCTATGCCCGGGCTGACCCCACTATGG
 GCCGCATCTGGGTGGACGCAGCAGTTCCTGCCTGGAGGAGTGTGGCTTCTGTTCATTTCGAGATGG
 ATGCTACCACCTGGAGACCTCTACACACCACTTCTTGCCATGTAGACCGGCTGTTCTCCAACCCTCA
 TCACAGACAGCTTTTACATGCAAGTGGCGCTGGAGGGCTTGTGGCACTGTGTGATGGAGAAGGAGGCA
 TGTATATCCACAGGGCACGCATCTGCTCTTGGGCATGGGCTGCAACCCCATGAGGGGTGAGGAGTGGT
 CATCTACAGCACTGCCAACCTGGGTGAGCTCAGGTCAAAGACTGGGCGGTTTCATCTCAGTCACTAC
 GATGGTGAGGTGCGTGTCTTCTGAGCGCTTAAACCGAATGCTCTTGTTCAGTTTGAATGTGACAGTG
 AGAGCCCCACTGTGCAGCTTCGTTACGCAATGGCTACTACCTATCCCAGAGGCGCCACAGGGCAGTAAT
 GGCTGATGGGCACCCCTGGAGTCTGACACGTTCTTCCGAATGCACTGGAAGTGTGGCAGGATCATCCTG
 CAGTCTGCAGGGGCGCTTCTGGGCATTGCACCAACAGCCTGCTGATGGCCAATGTCATCCTTCCAG
 GCCCAAATGAGGAATTTGGGATTTATTTGCCAATCGCTCCTTCTTGTATTGCGAGGTGTTATGGCTA
 TGTGGGCTCCTCATCGGGCCATGACCTCATACAGTGCAACCAGGATCAGCCCGACCGCATTCTACTA
 CCTGCCGACCGGTATCTACCACTCCAGGCACAGGGGGATCCTTCTGGTCAATAACATCCTTTGGCA
 CCTTCGCCCTTGGGGCAAGTTTGCCCTCAACTTCTGTATCGAGCTTCAGGGGAGCAACTTACTCACTGT
 ACTGGCCCCAATGGCTTCTACATGCGAGCCGACCAAAGTGGCACCCCTGTTGGCAGACAGTGAAGACATT
 ACCAGAGAGTGTATCTGGGAATTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207492 protein sequence
 Red=Cloning site Green=Tags(s)

MDETEWIHRHPKAEDLRVGLISWAGTYLTFEACKNTVTATAKSLGRRQTWEILVSNEHETQAVVRLKSVQ
 GLYLLCECDGTVCYGRPRTSHHGCFLLRFHRNSKWTQLCLISGRYLESNGKDVFCSTSHVLSAYHMWTPRP
 ALHVVHILYSPIHRCYARADPTMGRIWVDAAVPCLEECGFLHFRDGCYHLETSTHHFLSHVDRLFQSPS
 SQTAFHMQVRPGLVALCDGEGGMLYPQGTHTLLGMGCNPMRGEWFILQHCPTWVSLRSKTGRFISVIY
 DGEVRAASERLNRMSLFQFECDESPTVQLRSANGYYLSQRRHRAVMADGHPLESDTFFRMHWNCGRIL
 QSCRGRFLGIAPNSLLMANVILPGPNEEFILFANRSFLVLRGRYGYVSSSGHDLIQCNQDQPDRIHLL
 PCRPGIYHFAQGGSFWSITSFGTFRPWGKFALNFCIELQSNLLTVLAPNGFYMRADQSGTLLADSEDI
 TRECIWEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

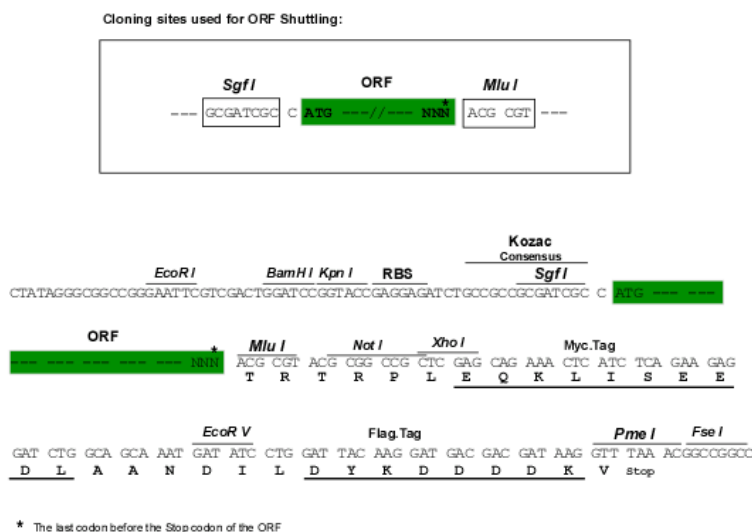
Chromatograms:

https://cdn.origene.com/chromatograms/mk6517_f10.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM 020369

ORF Size: 1494 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020369.3](#)

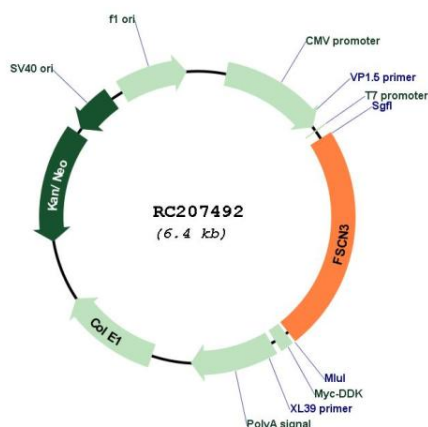
RefSeq Size: 1911 bp

RefSeq ORF: 1497 bp

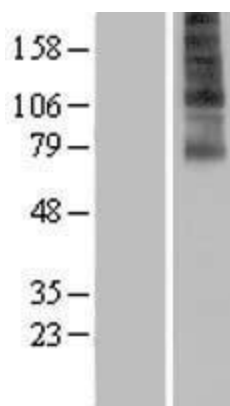
Locus ID: 29999

UniProt ID: [Q9NQ76](#)
 Cytogenetics: 7q32.1
 MW: 56.6 kDa
 Gene Summary: Acts as an actin bundling protein.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC207492



Western blot validation of overexpression lysate (Cat# [LY412518]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207492 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).