

Product datasheet for **RG207492**

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:	TurboGFP
Symbol:	Fascin 3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207492 representing NM_020369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGAGACAGAGTGGATACACAGACATCCCAAGGCTGAGGACCTAAGGGTTGGGCTCATCAGCTGGG
 CAGGAACCTACCTCACCTTTGAGGCATGCAAGAATACAGTCACTGCAACTGCGAAGAGTTTGGGCAGGAG
 ACAGACCTGGGAGATCTTGGTGACAAATGAGCATGAGACACAGGCCGTGGTGCGACTAAAGAGCGTGCAG
 GGCTCTACCTGCTGTGTGAGTGTGATGGCACCCTGTGTTATGGCCGCCAAGGACCAGCCACCATGGGT
 GCTTTCTACTGCTTTCCACCGAACAGCAAGTGGACCCTCCAGTGCCTAATCTCTGGTCGTTATTTGGA
 GTCCAATGGCAAGGACGTGTTTTGCACTTCCACGTCTCTCAGCTTACCACATGTGGACCCCCGACCA
 GCCCTCCATGTCCACGTGATCTCTACAGCCCATCCACCGCTGCTATGCCCGGGCTGACCCCACTATGG
 GCCGCATCTGGGTGGACGCAGCAGTTCCTGCCTGGAGGAGTGTGGCTTCTCTGTCATTTCCGAGATGG
 ATGCTACCACCTGGAGACCTCTACACACCACTTCTTGCCATGTAGACCGGCTGTTCTCCAACCTCA
 TCACAGACAGCTTTTACATGCAAGTGGCGCTGGAGGGCTTGTGGCACTGTGTGATGGAGAAGGAGGCA
 TGTATATCCACAGGGCACGCATCTGCTCTTGGGCATGGGCTGCAACCCCATGAGGGGTGAGGAGTGGT
 CATCTACAGCACTGCCAACCTGGGTGAGCCTCAGGTCAAAGACTGGGCGGTTTCATCTCAGTCATCTAC
 GATGGTGAGGTGCGTGCTTCTGAGCGCTTAAACCGAATGTCCTTGTTCAGTTTGAATGTGACAGTG
 AGAGCCCCACTGTGCAGCTTCGTTACGCAATGGCTACTACCTATCCCAGAGGCGCCACAGGGCAGTAAT
 GGCTGATGGGCACCCCTGGAGTCTGACACGTTCTTCCGAATGCACTGGAAGTGTGGCAGGATCATCCTG
 CAGTCTGCAGGGGCGCTTCTGGGCATTGCACCAACAGCCTGCTGATGGCCAATGTCATCCTTCCAG
 GCCCAAATGAGGAATTTGGGATTTATTTGCCAATCGCTCCTTCTTGTATTGCGAGGTCGTTATGGCTA
 TGTGGGCTCCTCATCGGGCCATGACCTCATACAGTGCAACCAGGATCAGCCCGACCGCATTCTACTACTA
 CCTGCCGACCGGTATCTACCCTTCCAGGCACAGGGGGATCCTTCTGGTCAATAACATCCTTTGGCA
 CCTTTCGCCCTTGGGGCAAGTTTGCCCTCAACTTCTGTATCGAGCTTCAAGGGAGCAACTTACTCACTGT
 ACTGGCCCCCAATGGCTTCTACATGCGAGCCGACCAAGTGGCACCTGTTGGCAGACAGTGAAGACATT
 ACCAGAGAGTGTATCTGGGAATTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

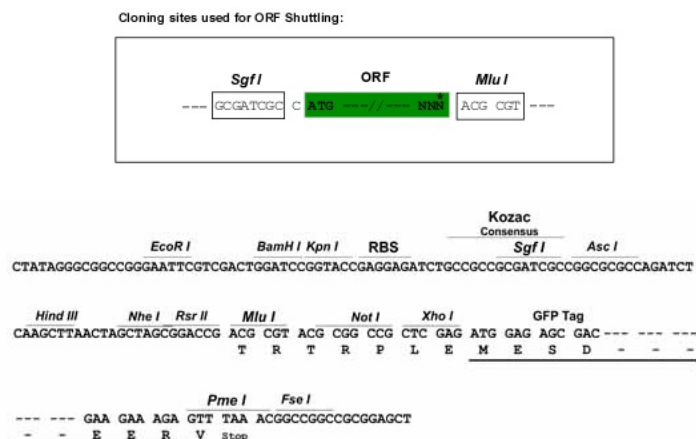
>RG207492 representing NM_020369
 Red=Cloning site Green=Tags(s)

MDETEWIHRHPKAEDLRVGLISWAGTYLTFEACKNTVTATAKSLGRRQTWEILVSNEHETQAVVRLKSVQ
 GLYLLCECDGTVCYGRPRTSHHGCFLLRFHRNSKWTQLCLISGRYLESNGKDVFTSHVL SAYHMTWPRP
 ALHVHVILYSPIHRCYARADPTMGRIWVDAAVPCLEECGFLHFRDGCYHLETSTHHFLSHVDRLF SQPS
 SQTAFHMQVRPGLVALCDGEGGMLYPQGTHTLLGMGCNPMRGEWFILQHCPTWVSLRSKTGRFISVIY
 DGEVRAASERLNRMSLFQFECDESEPTVQLRSANGYYLSQRRHRAVMADGHPLESDTFFRMHWNCGRILL
 QSCRGRFLGIAPNSLLMANVILPGPNEEFILFANRSFLVLRGRYGYVGSSSGHDLIQCNQDQPDRIHLL
 PCRPGIYHFQAQGSFWSITSFGTFRPWGKFALNFCIELQGSNLLTVLAPNGFYMRADQSGTLLADSEDI
 TRECIWEF

TRTRPLE – GFP Tag – V

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.

RefSeq: [NM_020369.3](#)

RefSeq Size: 1883 bp

RefSeq ORF: 1497 bp

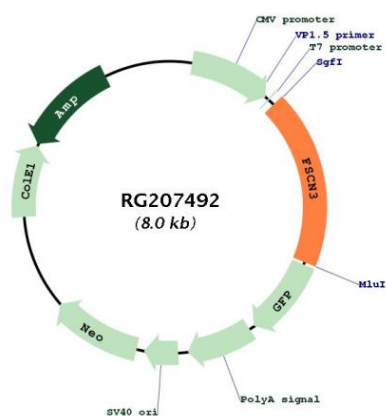
Locus ID: 29999

UniProt ID: [Q9NQT6](#)

Cytogenetics: 7q32.1

Gene Summary: Acts as an actin bundling protein.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207492