

Product datasheet for **SC320744**

Fascin (FSCN1) (NM_003088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fascin (FSCN1) (NM_003088) Human Untagged Clone
Tag:	Tag Free
Symbol:	Fascin
Synonyms:	FAN1; HSN; p55; SNL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_003088.2
 GCTGCGGAGGGTGCCTGCGGGCCGCGGCAGCCGAACAAAGGAGCAGGGGCGCCGCCGACG
 GGACCCGCCACCCACCTCCCGGGCCGCGCAGCGGCCTCTCGTCTACTGCCACCATGACC
 GCCAACGGCACAGCCGAGGCGGTGCAGATCCAGTTCGGCCTCATCAACTGCGGCAACAAG
 TACCTGACGGCCGAGGCGTTTCGGGTTCAAGGTGAACGCGTCCGCCAGCAGCCTGAAGAAG
 AAGCAGATCTGGACGCTGGAGCAGCCCCCTGACGAGGCGGGCAGCGCGCCGTGTGCCTG
 CGCAGCCACCTGGGCGCTACCTGGCGGGGACAAGGACGGCAACGTGACCTGCGAGCGC
 GAGGTGCCCGGTCCCAGCTGCCGTTTCTCATCGTGGCGCACGACGACGGTTCGCTGGTCCG
 CTGCACTCCGAGGCGCACCGGCGTACTTCGGCGCACCGAGGACCGCCTGTCCTGCTTC
 GCGCAGACGGTGTCCCCGCGAGAAGTGGAGCGTGCACATCGCCATGCACCCTCAGGTC
 AACATCTACAGCGTACCCGTAAGCGCTACGCGCACCTGAGCGCGCGCCGGCCGACGAG
 ATCGCCGTGGACCGGACGTGCCCTGGGGCGTGCAGTTCGCTCATCACCCTCGCCTCCAG
 GACCAGCGCTACAGCGTGCAGACCGCCGACCACCGCTTCTGCGCCACGACGGGCGCCTG
 GTGGCGCGCCCCGAGCCGCCACTGGCTACACGCTGGAGTTCGCTCCGGCAAGGTGGCC
 TTCGCGACTGCGAGGGCGTTACCTGGCGCCGTGGGGGCCAGCGGCACGCTCAAGGCG
 GGCAAGGCCACCAAGGTGGGCAAGGACGAGCTCTTTGCTCTGGAGCAGAGCTGCGCCAG
 GTCGTGCTGCAGGCGCCAACGAGAGGAACGTGTCCACGCGCCAGGGTATGGACCTGTCT
 GCCAATCAGGACGAGGAGACCGACCAGGAGACCTTCCAGCTGGAGATCGACCCGCGACACC
 AAAAAGTGTGCCTTCCGTACCCACACGGCAAGTACTGGACGCTGACGGCCACCGGGGGC
 GTGCAGTCCACCGCTCCAGCAAGAATGCCAGCTGCTACTTTGACATCGAGTGGCGTGAC
 CGGCGCATCACTGAGGGCGTCCAATGGCAAGTTTGACCTCCAAGAAGAATGGGCGAG
 CTGGCCGCTCGGTGGAGACAGCAGGGGACTCAGAGCTTCTCATGAAGCTCATCAAC
 CGCCCCATCATCGTGTTCGCGGGGAGCATGGCTTCATCGGCTGCCGAAGGTACGCGGC
 ACCCTGGACGCCAACCGCTCCAGCTATGACGTCTTCCAGCTGGAGTTCAACGATGGCGCC
 TACAACATCAAAGACTCCACAGGCAAATACTGGACGGTGGGCAAGTACTCCGTGGTACC
 AGCAGCGGCGACACTCTGTGGACTTCTTCTCGAGTTCTGCGACTATAACAAGGTGGCC
 ATCAAGGTGGGCGGGCGCTACCTGAAGGGCGACCACGAGGCGTCTGAAGGCCTCGGGG
 GAAACCGTGGACCCCGCTCGCTCTGGGAGTACTAGGGCCGGCCCGTCTTCCCCGCCCC
 TGCCACATGGCGGCTCTGCCAACCTCCCTGCTAACCCCTTCTCCGCCAGGTGGGCTC
 CAGGGCGGGAGGCAAGCCCCCTTGCTTTCAAAGTGGAAACCCAGAGAAAACGGTGCC
 CCACCTGTGCCCCATGACTCCCACTCTCCCTCCGCCCCGGTTCCTACTCCCTC
 GGGTCAGCGGCTGCGGCCTGGCCCTGGGAGGGATTTAGATGCCCTGCCCTCTGTCTG
 CCACGGGGCGAGTCTGGACCTTTTCTTCTGACCTCAGACGGCTCTGAGCCTATTCTT
 CTGGAAGCGGCTAAGGGACGGTTGGGGGCTGGGAGCCCTGGGCGTGTAGTGAAGTGGAA
 TCTTTTGCCTCTCCAGCCACCTCCTCCAGCCCCCAGGAGAGCTGGGCACATGTCCCA
 AGCCTGTAGTGGCCCTCCCTGGTGCAGTGTCCCCGAAACCCCTGCTTGGGAAGGGAAGC
 TGTCCGGTGGGCTAGGACTGACCCTTGTGGTGTTTTTTGGGTGGTGGCTGGAACAGCC
 CCTCTCCACGTGGCAGAGGCTCAGCCTGGCTCCCTTCCCTGGAGCGGACGGGCGTGACG
 GCCACAGGCTCTGCCCGCTGCACGTTCTGCCAAGGTGGTGGTGGCGGGCGGGTAGGGGTG
 TGGGGCCGCTCTTCTCCTGTCTTTTCTTTTACCCTAGCCTGACTGGAAGCAGAAAAT
 GACCAAATCAGTATTTTTTTAATGAAATATTATTGCTGGAGGCGTCCCAGGCAAGCCTG
 GCTGTAGTAGCGAGTGATCTGGCGGGGGGCTCTCAGCACCTCCCAGGGGGTGCATCT
 CAGCCCCCTTTCCGCTCTCCGTCAGCCCCAGCCCTGGGCTGGGCTGCCGACACC
 TGGGCCAGAGCCCTGCTGTGATTGGTGTCCCTGGGCTCCCGGGTGGATGAAGCCAGG
 CGTCGCCCCCTCCGGGAGCCCTGGGGTGAAGCCGCGGGGCCCCCTGCTGCCAGCCTCC
 CCCGTCACCAACATGCATCTCACTCTGGGTGTCTTGGTCTTTATTTTTTTGTAAGTGTCA
 TTTGTATAACTCTAAACGCCATGATAGTACTTCAAAGTGGAAATAGCGAAATAAATA
 ACTCAGTCTGCAGCCCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003088

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_003088.2 , NP_003079.1
RefSeq Size:	2819 bp
RefSeq ORF:	1482 bp
Locus ID:	6624
UniProt ID:	Q16658
Cytogenetics:	7p22.1
Gene Summary:	This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]