

Product datasheet for SC123608

Villin (VIL1) (BC017303) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Villin (VIL1) (BC017303) Human Untagged Clone
Tag:	Tag Free
Symbol:	Villin
Synonyms:	D2S1471; OTTHUMP00000164145; VIL; villin 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC017303 edited
 CCAAGACAGGCTCACTCACCATGACCAAGCTGAGCGCCCAAGTCAAAGGCTCTCTCAACA
 TCACCACCCCGGGCTGCAGATATGGAGGATCGAGGCCATGCAGATGGTGCCTGTTCCTT
 CCAGCACCTTTGGAAGCTTCTTCGATGGTACTGCTACATCATCCTGGCTATCCACAAGA
 CAGCCAGCAGCCTGTCTATGACATCCACTACTGGATTGGCCAGGACTCATCCCTGGATG
 AGCAGGGGGCAGCTGCCATCTACACCACACAGATGGATGACTTCTGAAGGGCCGGGCTG
 TGCAGCACCGGAGGTCCAGGGCAACGAGAGCGAGGCCTTCCGAGGCTACTTCAAGCAAG
 GCCTTGTGATCCGGAAAGGGGGCGTGGCTTCTGGCATGAAGCATGTGGAGACCAACTCT
 ATGACGTCCAGAGGCTGCTGCATGTCAAGGGCAAGAGGAACGTGGTAGCTGGAGAGGTAG
 AGATGCTCTGGAAGAGTTTCAACCGAGGGGATGTTTTCTCTGGACCTTGGGAAGCTTA
 TCATCCAGTGAATGGACCGGAAAGCACCCGTATGGAGAGACTCAGGGGCATGACTCTGG
 CCAAGGAGATCCGAGACCAGGAGCGGGGAGGGCGCACCTATGTAGGCGTGGTGGACGGAG
 AGAATGAATTGGCATCCCCGAAGCTGATGGAGGTGATGAACCACGTGCTGGGCAAGCGCA
 GGGAGCTGAAGGCGGCCGTGCCGACACGGTGGTGGAGCCGGCACTCAAGGCTGCACTCA
 AACTGTACCATGTGTCTGACTCCGAGGGGAATCTGGTGGTGGAGGAAAGTCCGCACACGGC
 CACTGACACAGGACCTGCTCAGTCACGAGGACTGTTACATCCTGGACCAGGGGGGCTGA
 AGATCTACGTGTGAAAGGGAAGAAAGCCAATGAGCAGGAGAAGAAGGGAGCCATGAGCC
 ATGCGTGAACCTCATCAAAGCCAAGCAGTACCCACCAAGCACACAGGTGGAGGTGCAGA
 ATGATGGGGCTGAGTCGGCCGTCTTTTCAGCAGCTTTCCAGAAGTGGACAGCGTCCAACC
 GGACCTCAGGCCTAGGCAAAACCCACACTGTGGGCTCCGTGGGTGAGGGCCAGGCGGGGG
 CAGTGAGGGAGCCAGGATCCAGGAGCTGGGCCAGGAGAGCCACTTGGTCCACCACCACC
 CTCCTTCCCTGACGTGCATCTTCAACGAAGACTTTTACGCTGGCTCTGGGCTTGTCTAG
 CAGATGGGGACGTGGACAACTCTAGTTGTACAAAAAGGGAGCTGAGAGGGCTGGGCAT
 GGTGGCACATGCCTGTAATCCCAGCACTTTGGGAGGCTGAGGCGGGTGGATCACCTGAGG
 TCAGGAGTTTGAATTAGCCTAACATGGTGAACCCCGTCTCTACTGAAAAAAGAAGTAA
 ATAAATTAGCCAAGCATGGTAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017303 unedited GGCCGATTGGTTTNTGTTAAACGNACTCACTNANAGGGCGTGCCGCGNAATTCGGCACG GAGGCCAAAACAGGCTCACTCACCATGACCAAGCTGAGCGCCCAATCAAAGCTCTCTCAA CATCACCACCCCGGGGCTGCAGATATGGAGGATCGAGGCCATGCAGATGGTGCCTGTTCC TTCCAGCACCTTTGGAAGCTTCTTCGATGGTGACTGCTACATCATCCTGGCTATCCACAA GACAGCCAGCAGCCTGTCTATGACATCCACTACTGGATTGGCCAGGACTCATCCCTGGA TGAGCAGGGGGCAGCTGCCATCTACACCACACAGATGGATGACTTCTGAAGGGCCGGGC TGTGCAGCACCGGAGGTCCAGGGCAACGAGAGCGAGGCCTTCCGAGGCTACTTCAAGCA AGGCCTTGTGATCCGAAAGGGGCGTGCTTCTGGCATGAAGCATGTGGAGACCAACTC CTATGACGTCCAGAGGCTGCTGCATGTCAAGGGCAAGAGGAACGTGGTAGCTGGAGAGGT AGAGATGTCTGGAAGAGTTTCAACCGAGGGGATGTTTTCTCTGGACCTTGGGAAGCT TATCATCCAGTGGAAATGGACCGGAAAGCACCCGTATGGAGAGACTCAGGGGCATGACTCT GGCCAAGGAGATCCGAGACCAGGAGCGGGGAGGGCGCACCTATGTAGGCGTGGTGGACGG AGAGAATGAATTGGCATCCCGAAGCTGATGGAGGTGATGAACCAGTGTGNGCAAGCG CAGGGAGCTGAAGCGGCGGTGCCGACACGGTGGTGGAGCCCGACTCAAGGCTGCACT CAAAGTGTACCATGTGTCTGACTCCGAGNGAAATCTGTGGGTGAGGGAAAGTCGCCACG GCCACTGACACAGACCTGCTCAGTACGA
Restriction Sites:	Please inquire
ACCN:	BC017303
Insert Size:	1501 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).
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:	BC017303.2 , AAH17303.1
RefSeq Size:	1492 bp
Locus ID:	7429
Cytogenetics:	2q35
Gene Summary:	This gene encodes a member of a family of calcium-regulated actin-binding proteins. This protein represents a dominant part of the brush border cytoskeleton which functions in the capping, severing, and bundling of actin filaments. Two mRNAs of 2.7 kb and 3.5 kb have been observed; they result from utilization of alternate poly-adenylation signals present in the terminal exon. [provided by RefSeq, Jul 2008]