

Product datasheet for **SC123765**

VILL (BC004300) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VILL (BC004300) Human Untagged Clone
Tag:	Tag Free
Symbol:	VILL
Synonyms:	OTTHUMP00000161384; villin-like; villin-like protein
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC004300 edited
GCAGGGCGAAGGCGCGGGAGCAGTTTCCAGCAGAGGGCGGCACCACTCCCTGCTCCATGG
AAACTGAGCAAGTTGTACAGGTAGCCAGGTGTCGGTCTCCAGCCTGAGAACTCTGGCTGT
TGTTCTTGTGTGTCCTCCATATTCCTGCCTGGCCTGCGATGGACATCAGCAAGGGCTCC
CAGGCATGCAGGGAGGCCTCCACATATGGATCTCTGAGAACCGGAAGATGGTGCCGGTAC
CCGAGGGGGCTTACGGAACTTTTTGAGGAACACTGCTATGTCATCCTCCACGTCCCC
AGAGCCCCGAAGGCCACGCAGGGGGCGTCCAGCGACCTGCACTACTGGGTGCGGAAGCAGG
CGGGTGCAGGAGCGCAGGGCGCTGCGGAGGCCTTCCAGCAGCGCTACAGGACGAGCTGG
GGGCCAGACCGTGTGCACCGCAGGGCGAGGGCCACGAGTCCGACTGTTCTGCAGCT
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AGACCAACTTGTCAACATCCAGCGACTGCTGCACATCAAGGGAGGAAGCACGTGTCTG
CCACTGAGGTGGAGCTCTCTGGAACAGCTTAAATAAGGGTGACATCTTCTGCTGGACC
TAGGCAAGATGATGATTCAGTGAATGGGCCAAGACCAGCATTTCTGAGAAGGCTCGGG
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GTGTGGTGGATGATGAGGCCAAAGCCCCGACCTCATGCAGATCATGGAGGCTGTGCTGG
GCCGACGGGTGGCAGCCTGCGTGCCGCCACGCCAGCAAGGATATCAACCAGCTGCAGA
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ACTTCTACATCCTGGACCAGGTGGCTTCAAGATCTATGTGTGGCAGGGACGCATGTCTA
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TGTATGGTGGCGTCTAGTACAGGAGCATGTGACCATGGGCAGCGAGCCCCCACTTCC
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GGCAGTACAGTCCACCACAAGGCTTTTCAAGTGAAGGCACTGACAGCCACAACACCA
GGACCATGGAGGTGCCAGCCCGTGCCTCATCCCTCAACTCCAGTACATCTTCTGTGG
TCACAGCCAGCGTCTGCTACCTCTGGTTTGGGAAGGGCTGTAATGGTGTAGCGTGAGA
TGGCAGCGGTGGTGGTCACTGTCAATTTCCAGGAAGAATGAGGAAACGGTGTGGAGGGTC
AGGAGCCTCCCCACTTCTGGGAGGCCCTGGGAGGCCGGGGCCCCCTACCCAGCAACAAGA
GGCTCCCTGAGGAGGTCCCCAGCTTCCAGCCACGACTGTTTGAGTGTCCAGCCACATGG
GCTGCCTGGTCTCGCAGAAGTGGGGTCTTCCAGCCAGGAGGACCTGGACAAGTATGACA
TCATGTTACTGGACACCTGGCAGGAGATCTTCTGTGGCTTGGGAAGCTGCAAGTGAGT
GGAAGGAGGCGGTGGCTGGGGCCAGGAGTACCTGAAGACTCACCCAGCAGGAGGAGGCC
CGGCCACACCCATCGTGTGGTCAAGCAGGGCCATGAGCCTCCCACCTTCAATTGGATGGT
TCTTCACTTGGGACCCCTACAAGTGGACTAGCCACCCGTCCACAAGGAAGTGGTGGATG
GCAGCCCGCAGCAGCATCAACCATCTCTGAGATAACAGCAGAAGTCAACAACCTTGGCGC
TATCCAGATGGCCGGCAATGGCAGGGCAGGTGCCGTGGCCCTGCAGGCCCTCAAGGGCT
CCCAGGACAGCTCAGAGAATGATCTGGTGCAGGCCCAAGTCCGCTGGCAGCAGAAACCA
GCAGCTCCGTGAGCAGCACCAGCCACGATCAACGGGGGCTGCGCCGGGAACAACCTGA
TGCACCAGGCTGTTGAGGACCTGCCAGAGGGCGTGGACCTGCCCGCAGGGAGTTCTATC
TCTCAGACTCTGACTTCCAAGATATCTTGGGAAATCCAAGGAGGAATTTACAGCATGG
CCACGTGGAGGCAGCGGCAGGAGAAAAAGCAGCTGGGCTTCTTCTGAACCAAGCCCTCT
CGACTGCCCTATCCCCTGGACCCCAACATACTTACAATGCTGGGAGGGCCCTGTTCCA
CTCCCCTCAGAGGCTTTTGGTCACTCTCTGCGTGTGAGTAAAAGCAGGCAGCCCAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC004300 unedited CGCGTTTAGGATTTGTAATACCATTATTATNAGGNCCGGCCGNAATTCGGCACGAGG GCAGGGCGAAGGCGCGGGAGCAGTTTCCAGCAGAGGGCGGCACCACTCCCTGCTCCATGG AAACTGAGCAAGTTGTACAGGTAGCCAGGTGTCGGTCTCCAGCCTGAGAAGTCTGGCTGT TGTTCTTGTGTCGTCCCATATTCCTGCCTGGCCTGCGATGGACATCAGCAAGGGCCTCC CAGGATGCAGGGAGGCCTCCACATATGGATCTCTGAGAACCAGGAAGATGGTGCCGGTAC CCGAGGGGGCTTACGGGAACTTTTTTGAGGAACACTGCTATGTCATCCTCCACGTCCCCC AGAGCCCGAAGGCCACGCAGGGGGCGTCCAGCGACCTGCACTACTGGGTGGGAAGCAGG CGGGTGCAGGAAGCGCAGGGCGCTGCGGAGGCCTTCCAGCAGCGCTACAGGACGAGCTGG GGGGCCAGACCGTGTGCACCGCAGGGCGAGGGCCACGAGTCCGACTGCTTCTGCAGCT ACTTCCGCCCGGAATCATCTACAGGAAGGGAGGCCTAGCATCTGACCTCAAGCATGTGG AGACCAACTTGTCAACATCCAGCGACTGCTGCACATCAAAGGGAGGAAGCACGTGTCTG CCACTGAGGTGGAGCTCTCTGGAACAGCTTTAATAAGGGTGACATCTTCTGCTGGACC TAGGCAAGATGATGATTCAGTGGATGGGCCCAAGACCAGCATTTCTGAGAAAGCTCGGG GGCTGGCTTTGACCTACAGCCTCCCGGACAGGGAACGTGGTGGTGGTGCACAGATTG GTGTGGTGGATGATGAAGCCAAAGCCCCGGAACATGCANATCATGGAGGCTGTGCTGG GCCGACAGGTGGGCAGCCT
Restriction Sites:	Please inquire
ACCN:	BC004300
Insert Size:	2853 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:	BC004300.1 , AAH04300.1
RefSeq Size:	2853 bp
Locus ID:	50853
Cytogenetics:	3p22.2
Gene Summary:	The protein encoded by this gene belongs to the villin/gelsolin family. It contains 6 gelsolin-like repeats and a headpiece domain. It may play a role in actin-bundling. [provided by RefSeq, Jul 2008]