

Product datasheet for **SC127210**

Breast cancer suppressor candidate 1 (VWA5A) (NM_198315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Breast cancer suppressor candidate 1 (VWA5A) (NM_198315) Human Untagged Clone
Tag:	Tag Free
Symbol:	Breast cancer suppressor candidate 1
Synonyms:	BCSC-1; BCSC1; LOH11CR2A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_198315, the custom clone sequence may differ by one or more nucleotides

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ATGGTGCACCTTCTGTGGCCTACTCACCCCTCCACCGGGAGCCAGTGCCGCTGAAGAGTATCTCTGTGAGCG  
TGAACATTTACGAGTTTGTGGCTGGTGTGTCTGCAACTTTGAACTACGAGAATGAGGAGAAAAGTTCCCTTT  
GGAGGCCCTTTTGTGTTCCCATGGATGAAGACTCTGCTGTTTACAGCTTTGAGGCCTTGGTGGATGGG  
AAGAAAATTGTAGCAGAATTACAAGACAAGATGAAGGCCCGACCAACTATGAGAAAGCCATCTCCAGG  
GCCACCAGGCCTTCTTATTGGAGGGGGACAGCAGCTCCAGGGATGCTTCTCTTGAATGTGGGTAACCT  
CCAACCTGGGTGGAAGGGCGCAGTACCCTGAAGTATGTGCAGGAGCTGCCTCTGGAAGCAGATGGGGCT  
CTGCGCTTTGTGCTCCAGCTGTCTGAATCCTAGATACCAGTTCTCTGGGTCGCTAAGGACAGTTGCC  
TTAATGTGAAGACTCCTATAGTCCCTGTGGAGGACCTGCCTACACACTCAGCATGGTCGCCACCATAGA  
TTCCCAGCATGGCATTGAGAAGTCCAATCCAACCTGCCCTTGAGTCTACCGAGTACCTAGGAGAGGAC  
AAGACTTCTGCTCAGGTTTCCCTGGCTGCTGGACACAAGTTTGATCGGGACGTGGAACCTCCTGATTTACT  
ACAATGAGGTGCATACCCCCAGCGTGGTTTTGGAGATGGGGATGCCTAACATGAAGCCAGGTCATTTGAT  
GGGAGATCCATCTGCAATGGTGAGTTTCTATCCAAATATCCAGAAGATCAACCATCAAATACCTGTGGA  
GAGTTTATCTTCTCATGGACCGCTCGGGAAGTATGCAGAGCCCCATGAGTAGCCAGGATACATCTCAGC  
TGCGAATACAGGCAGCCAAGGAAACACTGATTTTGCTGCTGAAGAGTTTACCTATAGGCTGTTATTTCAA  
CATCTATGGATTTGGCTTCTCTATGAGGCATGCTTTCCGGAGAGTGTGAAGTACACTCAGCAAACAATG  
GAGGAGGCTCTGGGAGAGTGAAGCTTATGCAGGCCGACCTAGGGGGCACTGAAATCTTGGCACCCTCC  
AGAACATTTACAGGGGACCTCCATCCCAGGCCACCCCTACAGCTTTTTGTCTTTACAGATGGAGAAGT  
TACAGACACGTTTGTGTAATTAAGAAGTTAGGATCAACAGACAGAAACACAGGTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_198315 unedited</p> <pre>GGATTTTGTAAATTACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGTGCGTTGCTG TCGAATTAATCTTGCATCACCATGGTGCACCTTCTGTGGCCTACTCACCCTCCACCGGA GCCAGTGCCGCTGAAGAGTATCTCTGTGAGCGTGAACATTTACGAGTTTGTGGCTGGTGT GTCTGCAACTTTGAACTACGAGAATGAGGAGAAAGTTCCTTTGGAGGCCTTCTTTGTGTT CCCCATGGATGAAGACTCTGCTGTTACAGCTTTGAGGCCTTGGTGGATGGGAAGAAAAT TGTAGCAGAATTACAAGACAAGATGAAGGCCCGCACCAACTATGAGAAAGCCATCTCCCA GGGCCACCAGGCCTTCTTATTGGAGGGGACAGCAGCTCCAGGGATGTCTTCTTTGCAA TGTGGGTAACTCCAACCTGGGTCGAAGCGGCAGTCACCCTGAAGTATGTGCAGGAGCT GCCTCTGGAAGCAGATGGGGCTCTGCGCTTTGTGCTCCCAGCTGTCTGAATCCTAGATA CCAGTTCTCTGGGGTCGCTAAGGACAGTTGCCTTAATGTGAAGACTCCTATAGTCCCTG TGGAGGACCTGCCCTACACTCAGCATGGTCGCCACCATAGATTCCCAGCATGGCATTG NAGAAGGTCCAATCCCCTGCCCCTTGTGCTACCGAGTACCTAAGGAGAGGGACAGAC TTCTGTTCAAGNTCCCTGGCTGCTGACACAAGTTTGTGCGGGACGTGGGACTTCTGAT TACTCAATGAGTGCATACCCCCCGGGGTTTGGGAAAATGGGGATCCCTACATGAGCCC AGTATTTGTGGGGAGATCTCTGAC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_198315 unedited</p> <pre>GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTACTGGATAACTTATTTATTTTCATTCAAAAACAAGCTTAAATAACCCA TGGTTTTGTAAGTCAGGAAAGTTTTAGTGTGTAGTGACAGGGAATAGGACTTGATGGAAA AGGGTACAAATGGAAAGGCCTACAACCTTCCAGTTTTTACCTATGGGGCGATCACACAG GGCATTCACTGGGATAATGAGTCCAGTTGTATGCTTATAATTTGGGTAGTTTTTCAGCATG TTTTACTTTTTTAAAAATGTTTATAGTAAAAAAATTAACATTTTACTATTCAATTCCTG GGTTCGTTGGAGTTTAAAAAAATAAAAACAATGGTTTTGCTGGGTTGTTGATGTTATT TGGAAAATGTTTTAACGTTTACAGGGAAAAATAAATTTTTAGCTGCTAAAATAAATT CTGAAATCATTGGTCTTTTTGAAGGAAGGTCAACACCGGCATTATGTACCACTAGAGTC TGTGTGTCATTAACACCAATCACCCGAAACCACATTTTTTCTACCTGCGTTTC TGTCGGCAGACCCTACTTCTTTAATCCCTAAACGTTGTGCGTAATCTTCTCCCTCTG CAAAAACAACACTTGTAAAGGAGTCGCTCTGGTTAAGAGGTCCCTCTTTCCATCTCCC GCGCGGTCCAATATTTCCCGCCCTCTACATCACCTTCTTAATTTTTTATCCCCCAT TCCACCTATCCGCTTGCCATTCACCCCTATCCTTCTCTCATACCCCGCCTCCTTCCAAT TCTTATCTCTCGACCCCTCTCAACCAGCTCCTCTTGTTACCTTCTCTTCCCCCATA ACTCCCCCTAT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_198315
Insert Size:	1910 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:

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_198315.2](#), [NP_938057.1](#)

RefSeq Size: 1874 bp

RefSeq ORF: 1248 bp

Locus ID: 4013

UniProt ID: [O00534](#)

Cytogenetics: 11q24.2

Gene Summary: May play a role in tumorigenesis as a tumor suppressor. Altered expression of this protein and disruption of the molecular pathway it is involved in, may contribute directly to or modify tumorigenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks multiple 3' exons, but has an alternate 3' sequence, as compared to variant 3. The resulting isoform (2) has a shorter and different C-terminus, as compared to isoform 1.