OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC324254

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_198315.2
TGCAGCTGTTTTCACTCCGCTGTGACTCAGAGCGCTCCGGGCTGCAGGAGAGGAAGAAAT
CTTGCATCACCATGGTGCACTTCTGTGGCCTACTCACCCTCCACCGGGAGCCAGTGCCGC
TGAAGAGTATCTCTGTGAGCGTGAACATTTACGAGTTTGTGGCTGGTGTGTCTGCAACTT
TGAACTACGAGAATGAGGAGAAAGTTCCTTTGGAGGCCTTCTTTGTGTTCCCCATGGATG
AAGACTCTGCTGTTTACAGCTTTGAGGCCTTGGTGGATGGGAAGAAAATTGTAGCAGAAT
TACAAGACAAGATGAAGGCCCGCACCAACTATGAGAAAGCCATCTCCCAGGGCCACCAGG
CCTTCTTATTGGAGGGGGACAGCAGCTCCAGGGATGTCTTCTCTTGCAATGTGGGTAACC
TCCAACCTGGGTCGAAGGCGGCAGTCACCCTGAAGTATGTGCAGGAGCTGCCTCTGGAAG
CAGATGGGGCTCTGCGCTTTGTGCTCCCAGCTGTCCTGAATCCTAGATACCAGTTCTCTG
GGTCGTCTAAGGACAGTTGCCTTAATGTGAAGACTCCTATAGTCCCTGTGGAGGACCTGC
CCTACACACTCAGCATGGTCGCCACCATAGATTCCCAGCATGGCATTGAGAAGGTCCAAT
CCAACTGCCCCTTGAGTCCTACCGAGTACCTAGGAGAGGACAAGACTTCTGCTCAGGTTT
CCCTGGCTGCTGGACACAAGTTTGATCGGGACGTGGAACTCCTGATTTACTACAATGAGG
TGCATACCCCCAGCGTGGTTTTGGAGATGGGGATGCCTAACATGAAGCCAGGTCATTTGA
TGGGAGATCCATCTGCAATGGTGAGTTTCTATCCAAATATCCCAGAAGATCAACCATCAA
ATACCTGTGGAGAGTTTATCTTTCTCATGGACCGCTCGGGAAGTATGCAGAGCCCCATGA
GTAGCCAGGATACATCTCAGCTGCGAATACAGGCAGCCAAGGAAACACTGATTTTGCTGC
TGAAGAGTTTACCTATAGGCTGTTATTTCAACATCTATGGATTTGGCTCTTCCTATGAGG
CATGCTTTCCGGAGAGTGTGAAGTACACTCAGCAAACAATGGAGGAGGCTCTGGGGAGAG
TGAAGCTTATGCAGGCCGACCTAGGGGGCACTGAAATCTTGGCACCACTCCAGAACATTT
ACAGGGGACCCTCCATCCCAGGCCACCCCCTACAGCTTTTTGTCTTTACAGATGGAGAAG
TTACAGACACGTTTAGTGTAATTAAAGAAGTTAGGATCAACAGACAGAAACACAGGTAGG
AAGAAAATGTGATTTCCGGGTGATTGGTGCTGAGTAGTGACACACAGACTCTAGTGCTAC
ATGATGCCGGTGTTGACCTTCCTTCAAGAGGACCAAATGATTTCAGAATTTAGTTTTAGC
AGCTGAAAATTTATTTCTCCCTGTAAACGTTAAAAACAGTTTTCCAAATAACATCAACAA
CACAGCAAAACCATTGTTTCTTATTCTTTCTAAACTACAACGAACACAAGAATTGAATAG
TAAGATGTTAATTTTTTTTACTATAAACATTTTTAGAGAAGTAAAACATGCTGAAAACTA
CACAAATTATAAGCATACAACTGGACTCATTATCACAGTGAATGCACTGTGTGATCGCCA
CATAGGTAAAAACTGGAATGGTCGTAGGCCTCTCCATCTGTACCCTTTTCCATCATGTCC
TATTCCCTGTCACTACACACTAAAACTTTCCTGACTTACAATACCATGGGTTATTTATGC
TTGTTTTTGAATGAAAATAAATAAGTTATACAGTAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_198315

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:	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.