

Product datasheet for **SC307489**

SCRIBBLE (SCRIB) (NM_182706) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCRIBBLE (SCRIB) (NM_182706) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCRIBBLE
Synonyms:	CRIB1; SCRIB1; SCRIB1; Vartul
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307489 representing NM_182706. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGCTCAAGTGCATCCCGCTGTGGCGCTGCAACCGGCACGTGGAGTCGGTGGACAAGCGGCACTGTTCTG
 CTGCAGGCCGTGCCGAGGAGATCTACCGCTACAGCCGACGCTGGAGGAGCTGCTGCTCGACGCCAAC
 CAGCTGCGCGAGCTGCCAAGCCTTTTTCCGGCTGCTGAACCTGCGCAAGCTGGGCCTGAGCGACAAC
 GAGATCCAGCGGTTGCCTCCCGAGGTGGCAACTTCATGCAGCTGGTGGAGCTGGACGTGTCCCGAAC
 GATATCCCTGAGATCCCGGAGAGCATCAAGTTCTGCAAGGCTCTGGAGATCGCGACTTCAGCGGAAC
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 TCTCTGCAGGCACTGCCCGGGGACGTGGGCAACCTCGCCAACCTGGTGACCTGGAGCTCCGGGAGAAC
 CTGCTCAAGTCCCTGCCAGCGTCCCTGTCAATTTCTGGTCAAGCTGGAACAGCTGGATCTGGGAGGCAAC
 GATCTGGAAGTGCTGCCAGACACTCTGGGGGCTCTGCCCAATCTTCGGGAGCTGTGGCTTGACCGGAAC
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 CTGCTGATGGCCCTGCCCGCTCCCTGGGAAAGCTGACTAAGCTGACCAACCTCAACGTGGACCGGAAC
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 CGCCTGGCCGCTCTGCCACCAGAGCTGGCCACACGACAGAGCTGCACGTGCTGGACGTGGCGGGGAAC
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 GCGCAGCCCATGCTCCGTTTCAGACGGAGGATGATGCCCGGACCGGCGAGAAGGTGCTCACCTGCTAC
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 AGCGATGCCCCCGGAGCCGCTCAGCGTCATCCAGTTCTGGAGGCCCATAGGTGATGAGGACGCT
 GAGGAAGCTGCAGCTGAGAAGCGGGGCTACAGCGCCGGGCCACACCTCACCCAGCGAGCTCAAGGTG
 ATGAAGAGGAGCATCGAGGGGCGCGGAGCGAGGCTGCCCTTGCCAGCCAGACTCTGGGTGCGCCTTG


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CTGCTCAGAGGAGGAGGAAGCGGCTGAGTGCCGAGTCTGCCCTGAGTGAAGACTCTGCCCATCTGCCGAC
ACAGTCTCTGAGGCTGAGCCCGAGGGCCCCGTGCGCTGAGGCACAGGGTGGGAGCCAGCAGGAAGCCAG
ACTGCTGGCGGGGAGGAAGACGCCGAAGAGGACTACCAGGAGCCACGGTGCAATTCGACAGGACGCA
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AGTCTCAGGAGGAGGAGGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
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CAGAAGTACTTTGAGCTGGAGGTGCGCGTGCCCCAGGCCGAGGGCCCCCTAAGCGCGTGTCCCTGGT
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CCGCCCTGGGAGGTGGCGCCCCGGTGCAGCAGGCCAAAGCTGAACGGCGCCACCAGGAGCGGTGCGC
GTGCAGAGTCCGAGGCCACCGGCACCCGAGCGTGCCCTGTCCCTGCCGAGCTCCGGGCCCTGGAGGCC
GAGAAGCGTGCCTGTGGAGGGCAGCCAGGATGAAGTCATTGGAACAGGACGCTCTCCGAGCACAGATG
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CCTGCGCCACCCCGTCGCCACCCCTGTGGAAGACCTCGGCCCCAGACCAGACCTCCCGGGACGC
CTGCCCTTGCTGCGAAAGAAGTTTGACTACAGGGCCTTCGCGGCTGCCCTCTCCAGCAGCTGTCTAT
GACATCCAGTCAGGAGCTTTGCTGAGGAGTGTAGGTCCCTGGAACCTATCTCCAGCCTGGCCGCGAG
GAGGAGGATGGAGAAGTGGCTCTGGTCTTCTGGGAGGCCCTACCCGCGCTGTGGGCGCTGAAGAT
GTGGCACTGTGCAGCAGCGCGCGCCCGTAAGGCCTGGGCGCCGTGGCCTGGGCGCTGTGCCCTCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_182706
Insert Size:	4968 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_182706.4
RefSeq Size:	5276 bp
RefSeq ORF:	4968 bp
Locus ID:	23513
UniProt ID:	Q14160
Cytogenetics:	8q24.3
MW:	177.7 kDa

Gene Summary:

This gene encodes a protein that was identified as being similar to the *Drosophila* scribble protein. The mammalian protein is involved in tumor suppression pathways. As a scaffold protein involved in cell polarization processes, this protein binds to many other proteins. The encoded protein binds to papillomavirus E6 protein via its PDZ domain and the C-terminus of E6. Two alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).