

Product datasheet for SC311245

CAVIN3 (NM_145040) Human Untagged Clone

Product data:

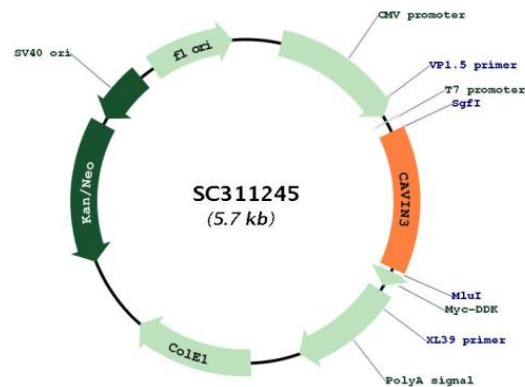
Product Type:	Expression Plasmids
Product Name:	CAVIN3 (NM_145040) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAVIN3
Synonyms:	cavin-3; HSRBC; PRKCDBP; SRBC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC311245 representing NM_145040. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGGAGAGTGCCTGGAGCGGGGGCCTGTGCCGAGGCGCCGGGGGGTCCCGTGCACGCCGTG
ACGGTGGTGACCCTGCTGGAGAAGCTGGCCTCCATGCTGGAGACTCTGCCGGAGCGGCAGGGAGGCGCTG
GCTCGAAGGCAGGGAGGCTGGCAGGGTCCGTGCCCGCATCCAGAGCGGCTGGGCGCTCTGAGTCGC
AGCCACGACACCACCAGCAACACCTTGGCGCAGCTGCTGGCCAAGGCGGAGCGCGTGAAGTCCAGCCAGCGCTTC
AACGCCGCCAAGAGCGCGGTGCGCCGCGCAGCCAGGTGCAGCGGCTGGAGGCCAACACGGGCTG
CTGGTGGCGCGCGGAAGCTCCACGTTCTGCTCTCAAGGAGGAGGGTGAAGTCCAGCCAGCGCTTTC
CAGAAGGCACCAGAGCCCTTGGGCCCGGCGGACCAGTCCGAGCTGGGCCAGAGCAGCTGGAGGCCGAA
GTTGGAGAGAGCTCGGACGAGGAGCCGGTGGAGTCCAGGGCCAGCGGCTGCGGCGCACCGGATTGCAG
AAGGTACAGAGCCTCCGAAGGGCCCTTTCGGGCCGAAAGGCCCTGCAGCGCCACCGCCACCCCGGTC
AAGCCGCTCGCCTTGGGCTGGCCGAGCGCTGAAGCCAGCCGGAAGCCAGCCTGCGCTGGAGCCC
ACGCTGGAGCCAGAGCCTCCGACGACACCGAGGAAGATCCCGGGAGACCTGGGGCTGCCAAGAAGCT
CTGCTCCAATGGAGAGTGTAGCCTGA
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_145040

Insert Size: 786 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).

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_145040.2](#)

RefSeq Size: 1039 bp

RefSeq ORF:	786 bp
Locus ID:	112464
UniProt ID:	<u>Q969G5</u>
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome
MW:	27.7 kDa
Gene Summary:	The protein encoded by this gene was identified as a binding protein of the protein kinase C, delta (PRKCD). The expression of this gene in cultured cell lines is strongly induced by serum starvation. The expression of this protein was found to be down-regulated in various cancer cell lines, suggesting the possible tumor suppressor function of this protein. [provided by RefSeq, Jul 2008]