

Product datasheet for **MC204085**

Cav2 (NM_016900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cav2 (NM_016900) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cav2
Synonyms:	AI447843
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC023095
 CTCTTGCAACGCCAGCCACGATGGGGCTGGAGACCGAGAAGGCCGATGTGCAGCTCTTCATGGCCGATGACGCTACAGCCACCACAGTGGCGTGCAGATATGCAGATCCTGAGAAAGTATGTTGACTCGAGTCACGACCGGATCCTCACCAGCTCAACTCTCATCTCAAGCTAGGCTTCGAGGATCTGATTGCAGAGCCTGAGACTACACACTCCTTTGACAAAGTGTGGATCTGCAGCCATGCTCTCTTTGAAATCAGCAAATATGTGATGTACAAGTTCCTGACCGTATTTCTGGCCATCCCCTTGGCCTTCATTGCGGGTATCCTGTTTGCTACCCTCAGCTGTCTGCACATCTGGATCCTGATGCCTTTTGTGAAGACCTGCCTAATGGTCTTGCCTCCGTGCAGACAATATGGAAGAGTGTGACAGACGTTGTCATTGGCCATTGTGTACAAGTGTGGGCCGAGCTTCTCATCGGTCAGCATGCAACTGAGCCACGACTGACCACTCAGACCCTGGGCAGGTCCAGACATTTGGATACTGTACAACCTTTATTGATGCAACAAACTCACTACTGTTCTGTTCACTTCCCAACTGTTAAAATTATTCTTAAAATGGAACCCAGATTTATCGAAGTTCAGTGCAGATCTTAAAAATAATGATTTTTCTACCAAAAAGCCAAAGTTATATCTAATATATAACAAGAATTGGCAACACCCAATGAAGAACAGATATCTTAGGAAAAACATACAATTGCAGTGTGACTTGATAATGGTCAAAGGGCAACTCCTCAGACATTAGAGTAATTTTGTGCATAACTGCTCATAAAGAGTAAGGAATTTCTATTTTTCTTTCTCTAGGAGTAATGTTCTTGAAGCTACTTTACAGATATGGCTATAAGGCTAGCTAGAGGCAATACATTCCAACATCTAGGAACTTTGTACATTAACAAAAGTATATACTTAGATAAATAACTATTGAATAGTAAGAGAGATAAATGTGAAAATGTGTTCCCTCTGTGATATTATTAGCCTGAAGCCTATTTAAACAAGATGTTTTGTTTTCTGTATATTGTATACCTAATGCAAGTGTACTCTAATGAAATCGCTTTGGAGTGTGTTCTCTTGTTGCTATTGTAATACTCATTATATAAAGTAAGCAGAGCTACATAGGGTAACTTTCTTGTGAAGACTGTGATGCCTATAGGAGAAATGTTGATAGATTCTTTGGAATGCAGTGTAATAATGTGCTGTCTAGGTGTTCTCTCCAACCTACCAGCAAAATGTTTTATGACTGGGCTTCACTGCTGTGACCATAAGACATGTAGACATGATGTTGTTTTGTTACTATAAGTTTTCTCTGAATGGTTAGAACTTATTCTGTATTCTACATTCCATGAATGCTTCACTTACTTTCAAGTAATCTGGTGTAGTTAATAATTTTTTATGATAAAGGCTGTGCTAACATCTAAGCACATTTTTTTTTTACTACAGTGGTTCATATAGAGAACTTACAGGAGAATTAACAATTTGTGAGGGTTTATAAACTGAAGTACATGTGTAATAGAAAATAACATTACAAAATTTCAAGATGTTCTCTAGTATGAATCTTAAACCTATAAAACATTATTTCTTACTCAGTAGGCTTTTTAAAAATGGTATGTTAAAAATTTTACATTATAATTACATAAATTTCAAATTTCAGAATATTATCAAACCCTGAATGAGCATTGCTCGAATATGCTCATGGGTGCAAACTTCACTGAAAGAAGATAAATTTTTTCAATTTTTCAATTTCTGGTCAATATATAGGTCATTGAACTGGGATTCTATTGCAGACCAGGTCAAAAATATCATATAAGAGACTAAGTGATAAACTCATATCAATTTGATGGTAATCATAAAAGAAACATTTCAAAAACAGCCTTAGGGTATTGTACCATCCTCAGTAAACGAAGTCATAGCTTGGTAATAGCCACAAGCATCGCCATTAATGTGACTGTCAAGATTGTATCACACTAGTTTCCAAGTCACTCATGCTTTATATTATTTTTGTAATTTAAGTTTTAAATGCCTGGGTGATTGATTAGTCAAACTTTAACAATAAAATATCAGTTTAAATAATTATAAGCTTCAACCTTTTAAAAATAGTTCTGACAGATTTAAGACAAATATGTATAATTATATAAAAACTTTAATTTTTAATATATGATTTCTTTTCTAAATAGTATTGATTACTTTCAACTGAACTTTACTGAAACTTTTTCATGAATTTTTGTCTCAAAAACCTAAATTTGGGATAAAAAGGAATCAAAGTTAATATGCAAATATGTTGATTTGGGGCAGGGCAATTGGAAGTCAGAGGCAAAAGAAATCCCTTATTATCCATAATAACATCTCTAAAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_016900

Insert Size: 489 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: [BC023095](#), [AAH23095](#)

RefSeq Size: 2505 bp

RefSeq ORF: 489 bp

Locus ID: 12390

UniProt ID: [Q9WVC3](#)

Cytogenetics: 6 A2

Gene Summary: This gene belongs to the caveolin family whose members encode the major protein components of caveolae, which are invaginations of plasma membrane. This gene is located adjacent to caveolin-1 and the proteins coexpressed by the two genes localize together in caveolae, where they form hetero-oligomers. The encoded protein may be involved in diverse cellular functions including proliferation, differentiation, endocytosis and trafficking. Alternative splicing of this gene results in transcript variants encoding different isoforms. [provided by RefSeq, Apr 2013]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).