

Product datasheet for **SC321498**

CAAP1 (NM_024828) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAAP1 (NM_024828) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAAP1
Synonyms:	C9orf82; CAAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_024828.2
 AGCAGAGGGATCATGACGGGGAAAAAGTCTCCCGGGAGAAACGGCGCAAACGTAGCAGT
 CAGGAGGCGGCCGAGCGCTCGCGGCCCGGACATCGTACCCGCGTTGGCCAGCGGCAGC
 AGTGGAAGCACTAGCGGCTGCGGGAGCGCGGGGGCTGCGGGAGCGTCAGCTGCTGTGG
 AACGCCAATTTTAGTGGAAGTGTACCGGCGGTGGGAGCGGCGGCAGCTGTTGGGCGGG
 AGCAGCGTGGAGCGCAGCGAGCGCCGGAAGCGGAGGAGTACCGACTCTCCAGCGTCTCG
 GGCTCCTTGACAGCAGGAACTAAATATATTTTGCCAACCTTGAAAAAGAATTATCTTG
 GCAGAGCACAGTGACCTTGAAGAAGGTGGACTGGACCTGACTGTGTCAATTGAAACCACTT
 AGTTTCTATATATCAGACAAAAAGAAATGCTTCAGCAGTGCTTCTGTATTATAGGAGAG
 AAAAAATTACAGAAGATGCTTCCTGATGTGTTAAAGAACTGTTCAATAGAAGAAATTAA
 AAATATGCCAGGAACAGTTAGAGCTCCTGTCTGAAAAAAATTTTGAAGATTCTTGAG
 GGTGACAAATGGAATGGACTCTGATATGGAAGAGGAAGCAGATGATGGTTCTAAGATGGGA
 TCTGATTTAGTCAGTCAGCAAGACATCTGTATAGATTCTGCTTCATCCGTGAGAGAGAAT
 AAGCAACCTGAAGGTTTGAATTAACAAGGAAAAGGGAAGATAGTGATGTAAGTCACTCAGT
 ATAAATGCAGATGCTTATGACAGCGACATAGAAGGCCCATGCAACGAAGAAGCAGCTGCT
 CCCGAGGCACCAAAAATACAGTCCAAAGTGAAGCTGGTCAGATAAATGACCTGGAGAAA
 GACATTGAGAAAAGTGTGAATGAGATTCTAGGACTGGCAGAGTCTAGCCAAACGAACCC
 AAAGCAGCCACCCTGGCTGTTCTCCACCAGAAGATGTTCAACCTTCTGCACAGCAACTG
 GAGCTGCTAGAACTTGAGATGAGGGCAAGAGCGATTAAAGCCCTAATGAAAGCTGGTGAT
 ATAAAAAGCCAGCCTAGGTATTTAACTTGATTTTGAATTTTAGGTATGTTTGAACAAAG
 CCACATCATTTAATTTTGTATCTAAATTTATTTGGGGTCTTATATGTTATTTCTCATGT
 AACCTTATTAGGACTCATTTTAGCCCTAAATTACCTGTGGCTGTTTCTTTTATTTTTT
 TGACTATTTTATATTATAAATGTGTGTTACTGTCTTATGAATTCATGGCAATATAGTTG
 GATAGCCTGGATACTTTGTTAGATGAGTATTTAGCTGTGTCTGCAAACTTAAAAAGCCAT
 TAGCAAAGAGTCGTGGTATTTTTTCTTTATTTTAAATGTTTGGGCACCAACCTAAAA
 GCAAAAGATTGACGAAGCATGTTTCTCTTAAGGCTACTGTATTTTACAATACAATATTA
 AATTATTTAATTTGAGAAATTTAGTTTTGCTTATATGCACTTTTTAAATATATACTATTT
 TGAAGATTCTTATGAAATGCAATTTCTAGTTAAACCGAATAACAGAGATCTGAAA
 TGACTGAGAAAACTTTTTATTAAGGAAGGAATTAATTTAAGGCAATTTTAACTATG
 TAGAACTAATTGCCCATGTTAATTATAGCAGACAGCCATTCTAACAGGTATTTGATAC
 CATTGGATGCATTATTCTAGGTTTTTTCTTAAATAAAATGGAACAAGTTTTCTTTTACA
 TTCCAAGCTGTCAGGAAATGAAGAATATTTTATTATCTAGGATTTTATCTGATGTAGTTG
 CTTAAAGATCTGATGTGTCTATAATTCCATGAATCAGAAATAATAAAATGCTATCATTCTG
 GATCTGAAGACTTTTGATACTTTTTCAAAAGCAAAATTAATTTAGGAACCTTTGATAAG
 TTGTTGTTATAATTAATCTAATTTTGTATAGTTTTGTAAATAAATTACCATCCTTCCAC
 AATTAGGGATGCTTTATCCCCCATCACTAATTGCAGTTGTTTGATACCAAAATAAATT
 TACGTAGAGATCCTTAACCTAAAATAAATTAATTTTTTCAAAAAACATAAATCTGGAAC
 GTTGTTTCTATATTTGATAACAAATACAGTATATTTTATTTATAAGCCATGGTCTACTGA
 TACTGTATGAGGACTTTCCTTATATATAAAAGTGCAGGGATTGTGTTTTATTAGCTGCT
 TTAATTATGTTAATTTAGAGAGTTTTTAAATGGAAATAGAGGACATTTATGAAACGCTG
 GAATTGCAGTTACAAATCTTTTTGTTGTTGTTTCTGAACATGCCTTGGAATAATTC
 TACCATTTTTTCCCCCTCCATAATCTTCTAATAAAGCATAGAAAAAGCCTATATGATT
 TTAATGCTTCTCTTAAGCTGGTAAACAGATTTGAGTTATGAGTTCATTGTTATTGCTTC
 AAGATGAAAAGACAGTGATATAATTTTCTATTTCAACTAAAAGTAATAGTTAATATGC
 TAAAGTAGTACAGAATAAACTTTATTGCTGCTTACTAACTACAAAATACTGTAGATGGCA
 TCTGTATGATTAACATATAAAGTAAACAGGTCTGAGGGCTTTGTAGATGATTAAGTC
 TCCACCTTCATGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_024828

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:	<u>NM_024828.2</u> , <u>NP_079104.2</u>
RefSeq Size:	2735 bp
RefSeq ORF:	1086 bp
Locus ID:	79886
UniProt ID:	<u>Q9H8G2</u>
Cytogenetics:	9p21.2
Gene Summary:	Anti-apoptotic protein that modulates a caspase-10 dependent mitochondrial caspase-3/9 feedback amplification loop.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).