

Product datasheet for **SC324678**

DENND1C (NM_024898) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND1C (NM_024898) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENND1C
Synonyms:	FAM31C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_024898.2
GAGCCGGCTTGGGGCCAGCATACACAGGCCCCAGGACCCCTGGGGAGAGGGCCCCGCT
GGGCTGGCCCTGCAGGGACCATGGAATCCAGAGCTGAAGGGGGCTCCCCTGCTGTGTTTG
ATTGGTTCTTCGAAGCGGCTGCCCTGCCCTCCCTGCAGGAGGATCCCCCATCTGCGGC
AGTTCCCTCCAGACTTCAGGGACCAGGAAGCTATGCAGATGGTGCCTAAATTCGCTTCC
CTTTTGATGTGAAAGGGAGCCCCCAGCCCCGCGTGCAGCATTTACCTTCGCCCTCA
CAGACCTTGCCGGCAACCGCAGATTTGGTTTCTGCCGCTGCGGGCGGGTACCCAGAGCT
GTCTCTGCATCCTCAGCCACCTGCCTTGGTTCGAGGTGTTTTACAAGCTATTGAACACAG
TGGGAGACCTCCTAGCCAGGACCAAGTCAACGAGGCAGAGGAATTCTTCAAAATCTGT
TTCAGCAGTCCCTGTCTGGGCCCCAGGCCTCAGTGGGGCTTGAAGTGGGAGCGGAGTGA
CGGTCTCCAGCGGGCAGGGTATCCCCCCCCCTACCGGGGGAATAGCAAGCCGCTTCTCT
GCTTCGTGGCCCCGACTCCGGCCGCTGCCATCCATCCCTGAGAACAGGAACCTAACGG
AGCTGGTGGTGGCCGTGACTGACGAGAACATCGTGGGGCTGTTGCGGCGCTCCTGGCCG
AGAGAAGAGTCTGCTCACCAGCAGAACTCAGCACCCTGACCTCGTGCCTCCAGCGT
CCTGCGCGCTCCTGTACCCCATGCGCTGGGAGCACGTGCTGATCCCCACGCTGCCCCAC
ACCTGCTGGACTACTGCTGCGCGCCCATGCCCTACCTCATTGGAGTGCACGCCAGTCTCG
CCGAGAGAGTACGAGAAAAAGCCCTGGAGGACGTGCTGGTGTGAACGTGGACGCCAATA
CCTTGGAGACGACCTTTAACGACGTGCAGGCGCTGCCTCCAGACGTGGTGTCCCTGCTGA
GGCTCCGGCTCAGGAAGTTCGCCTGGCCCCCGGGGAAGGGGTGTCCCGTCTCTTCTCA
AAGCCCAGGCCCTGCTCTTCGGGGGGTACCGCGACGCACTCGTCTGCAGCCCCGGGCCAGC
CAGTGACCTTCAGTGAGGAAGTCTTCTGGCCAGAACCTGGGGACCTCTGCAGGCCCT
TCCACCGCGGGCTGTGCACCTGCAGCTGTTCAAACAGTTCATCGAAGCCCGGCTGGAGA
AGCTCAACAAGGGGGAGGGCTTCTCAGATCAATTGAGCAGGAGATCACTGGCTGCGGGG
CCTCCTCAGGGGCCCTTCGATCCTATCAGCTCTGGGCCGACAATCTAAAGAAAGTGCTG
GCGCCCTCCTGCACTCAGTCAAGGCCAAGACCCACAGCCGTCAAGAACATGTACCGCT
CGGCCAAGAGTGGCTTGAAGGGGTGCAGAGCCTTCTAATGTATAAGGATGGGACTCTG
TCCTGCAGAGGGGGGCTCTCTGAGGGCCCCAGCCCTCCCAGCCGCTCAGACCGCTGC
AGCAACGCCTCCCAATCACTCAGCACTTTGAAAGAACCGGCCCTTCGCCCCAGCAGGA
GACGCCAGCTGGAAGAGGGAACCTCCGAGCCCCAGGGGCGGGGACACCCCACTGAGCC
CTGAGGATGAGGGGTGCCGTGGGCAGAGAAGCTCTGGACAGCAGCTTCTTGGGGTCTG
GAGAAGAAGTGGATTTGTTGAGCGAGATTCTGGACAGTCTTAGCATGGGAGCCAAGAGCG
CAGGCAGCTGAGACCGAGCCAGAGTTTAGACTGCTGTACAGAGGAGACCTGGACAGCT
GCTTCAGCTGCCCAACATACCAAGATGGCAACCAGACGATAAGAACTACCAGAGCCGG
AGCCCCAGCCCCCTTCCCTGCCATCCCTGCAAAATGCCTCGTCTTTGGATGCCACCAGCT
CTTCAAAGGACTCCAGGTCCCAGCTGATACCCTCAGAGTCCGACCAAGAAGTACAGTCTC
CATCCCAGTCTCAACAGCTTCTGCAGACCCAAGCATCTGGGGGGACCCCAACCTCTC
CTCTCAGAGAGCCCTAATTCTTCATCTCACCCCTTCCCAAGGCAGCTGAAGATTCTA
CAGCCCAGGAAAACCCCACTCCCTGGCTCTCCACTGCACCCACTGAGCCCAGCCCTCCAG
AAAGCCCCCAATCTGGCCCCCACAAGCCCACTTTGATATAGCCTGGACGTCCCAGC
CCCTTGATCCTTCTCAGACCCAGTTCTCTGGAGGACCCAGAGCCCGGCTCCCAAAG
CCCTGCTGGCAGAGCGCTCACCTCCAGCCACGGGAGGAACAGGAGCCCTGAATTCCC
CTGCTACACCCACCAGCAACTGTCAAAAGTCCCAGCCAGCAGCCGGCCAGAGTCGCTG
ATCTTAAGAAGTCTTTGAGGGTTAAGAATCAGGGGTCCAAGAGAGACCCAGTCCCTCA
ATAAAGCCACAAGAGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024898

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_024898.2</u> , <u>NP_079174.2</u>
RefSeq Size:	2804 bp
RefSeq ORF:	2406 bp
Locus ID:	79958
UniProt ID:	<u>Q8IV53</u>
Cytogenetics:	19p13.3
Domains:	DENN, dDENN, uDENN
Gene Summary:	The protein encoded by this gene functions as a guanine nucleotide exchange factor for the early endosomal small GTPase RAB35, which regulates endosomal membrane trafficking and is involved in actin polymerization. The encoded protein activates RAB35 by promoting the exchange of RAB35-bound GDP for GTP. This gene may play a role in linking RAB35 activation with the clathrin machinery. [provided by RefSeq, May 2017] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).