

Product datasheet for **SC337388**

DENND1C (NM_001290331) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND1C (NM_001290331) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENND1C
Synonyms:	FAM31C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001290331, the custom clone sequence may differ by one or more nucleotides

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ATGCAGATGGTGCCTAATTCTGCTTCCCTTTTGATGTGGAAAGGGAGCCCCCAGCCCCGCGTGCAGC
ATTTACACCTTCGCCCTCACAGACCTTGCCGGCAACCGCAGATTTGGTTTCTGCCGCTGCGGGCGGGTAC
CCAGAGCTGTCTCTGCATCCTCAGCCACCTGCCTTGGTTCGAGGTGTTTACAAGCTATTGAACACAGTG
GGAGACCTCCTAGCCCAGGACCAAGTCACCGAGGCAGAGGAACCTCTTCAAAATCTGTTTCAGCAGTCCC
TGTCTGGGCCCCAGGCCTCAGTGGGCTTGAGCTGGGCAGCGAGTGACGGTCTCCAGCGGCAGGGTAT
CCCCCCCCCTACCCGGGGGAATAGCAAGCGCTTTCCTGCTTCGTGGCCCCGACTCCGGCCGCTGCCA
TCCATCCCTGAGAACAGGAACCTAACGGAGCTGGTGGTGGCCGTGACTGACGAGAATCGTGGGGCTGT
TCGCGGCGCTCCTGGCCGAGAGAAGAGTCTGCTCACC GCCAGCAAACTCAGCACCTGACCTCGTGCCT
CCACGCGTCTGCGCGCTCCTGTACCCCATGCGCTGGGAGCACGTGCTGATCCCCACGCTGCCCCACAC
CTGCTGGACTACTGCTGCGCGCCATGCCCTACCTCATTGGAGTGCACGCCAGTCTCGCCGAGAGAGTAC
GAGAAAAAGCCCTGGAGGACGTCTGGTCTGAACGTGGACGCCAATACCTTGGAGACGACCTTTAACGA
CGTGCAGGCGCTGCCTCCAGACGTGGTGTCCCTGCTGAGGCTCCGGCTCAGGAAGGTGCGCCTGGCCCCC
GGGGAAGGGGTGTCCCGTCTCTTCTCAAAGCCAGGCCCTGCTCTTCGGGGGTACCGCGACGCACTCG
TCTGCAGCCCCGGGCCAGCCAGTGACCTTCAGTGAGGAAGTCTTCTTGGCCAGAAGCCTGGGGCACCTCT
GCAGGCCTTCCACCGCGGGCTGTGCACCTGCAGCTGTTCAAACAGTTTATCGAAGCCCGCTGGAGAAG
CTCAACAAGGGGGAGGGCTTCTCAGATCAATTCGAGCAGGAGATCACTGGCTGCGGGGCTCCTCAGGGG
CCCTTCGATCCTATCAGCTCTGGGCCGACAATCTAAAGAAAGTGGTGGCGCCCTCCTGCACTCAGTCAA
GGCCAAGACCCAACCGCCGCAAGAATGTACCGCTCGGCCAAGAGTGGCTTGAAGGGGGTGCAGAGC
CTTCTAATGTATAAGGATGGGGACTCTGTCTGCAGAGGGGGGCTCTCTGAGGGCCCCAGCCCTCCCCA
GCCGCTCAGACCGCTGCAGCAACGCCTCCCAATCACTCAGCACTTTGGAAAGAACCAGGCCCTTCGCCC
CAGCAGGAGACGCCAGCTGGAAGAGGGAACCTCCGAGCCCCAGGGGCGGGGACACCCCACTGAGCCCT
GAGGATGAGGGGTGCCCGTGGGCAGAAGAAGCTCTGGACAGCAGCTTCTTGGGTCTGGAGAAGAAGTGG
ATTTGTTGAGCGAGATTCTGGACAGTCTTAGCATGGGAGCCAAGAGCGCAGGCAGCCTGAGACCGAGCCA
GAGTTTACTGCTGTACAGAGGAGACCTGGACAGTCTTACGCTGCCCAACATACCAAGATGGCAA
CCAGACGATAAGAACTACCAGAGCCGGAGCCCCAGCCCTTTCCTGCCATCCTGCAAAATGCCTCGT
CTTTGGATGCCACCAGCTCTTCAAAGGACTCCAGGTCCAGCTGATACCCTCAGAGTCCGACCAAGAAGT
CACGTCTCCATCCAGTCTCAACAGCTTCTGCAGACCAAGCATCTGGGGGACCCCAACCTCTCCT
CTCACAGAGCCCCAATTCTTCACTCACCCTTCCACAAAGGCAGCTGAAGATTCTACAGCCCAGGAAA
ACCCCACTCCCTGGCTCTCCACTGCACCACTGAGCCAGCCCTCCAGAAAGCCCCAAATTCTGGCCCC
CACAAAGCCCACTTTGATATAGCTGGACGTCCAGCCCTTGATCCTTCTCAGACCCAGTTCTCTG
GAGGACCCAGAGCCCGGCTCCCAAAGCCCTGCTGGCAGAGCGCGCTCACCTCCAGCCACGGGAGGAAC
CAGGAGCCCTGAATTCCTGCTACACCCAGCAACTGTCAAAGTCCAGCCAGCAGCCGGCCAG
AGTCGCTGATCTTAAGAAGTGCTTTGAGGGTTAA
  
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Restriction Sites: SgfI-RsrII

ACCN: NM_001290331

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:	<u>NM_001290331.1, NP_001277260.1</u>
RefSeq Size:	2727 bp
RefSeq ORF:	2274 bp
Locus ID:	79958
UniProt ID:	<u>Q8IV53</u>
Cytogenetics:	19p13.3
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 (2) differs in the 5' UTR and the 5' coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2, which has a shorter N-terminus, compared to isoform 1.