

Product datasheet for **SC330417**

DENND2C (NM_001256404) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND2C (NM_001256404) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENND2C
Synonyms:	dj1156j9.1
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC330417 representing NM_001256404.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGATGTTGGTTTTCTCGTACTACTGTTTCAGACACTGTCAAGAAGCCACTGCAAAAACATCAAACAA
 AAAATTTCTCAATGGGAAGGAAGGGCTAATGGTATATCTAATCCAGAAAAGTGGTGTCCAAAGGACTTT
 GGAGTGAGATATAACTGTCACCAAGAGATCCGTCTTAAGAAAAATCCTATAGCTGAGAGAAAGAGCAAA
 AACTTGGATGTAACCAAGCCGTGAAAAATGTGGGTCTAGATATAAATGAAAAATACCAAAAGCCATGATCAA
 AGTGAGAAATGAAAAATAAGAAACATGAATATGACGATACACACTTCTTTAAAAATGAATCAGAATCCAAC
 TGGGTATGTTCTCGGGTCAAAGAAATTGAAAGCTGTAAAGAAAGATGTCTTAGATCCAGAGACTTCATTA
 CCTCCAGGAAACTTCTATACCTCACAAATACTGTGAAGAAAAATAGAAGCACTTCCCCAGATAAACTC
 TTAATTTGGCTTTAGAACATTGTGACTCTTCAGAAAAAGAACTGAACTTCAGAGTTCTGGATAGTTCA
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 AATCCTTTGCCAAACCTCGTAGGACATTCAGATATTTATCCGAATCTGGTGTTACGCCGTATAAGAA
 AGAACTGTGACAAAAAATACTGTGAAAAATACTCTTGTGCACAATCTTCTTTGGCCTCTTCTCAGGAA
 CCTGAACCAAGAAATATGGTGGAAAAATCAGAGGAAGATCTAAAAGGAAATCCTTTGAATTTGAGGAT
 ATTCAGCACTTTGCAAAATCGGAACTCACAGACGATTCTGTGAAGAACTTGGAGAAATTTCTGGGTACGA
 CTTTATTACACACAGTCTGAGGACAATATCTATGAAGATATCATATATCCCAACCAAGAAAAATCCATAT
 GAAGATATTCAGTGACGCTTTACCTATGTGGAGATCCCCTTCAGCATGGAAGCTACCACCCGCTAAA
 AGTGCTTTTAAAGCACCAAGCTCCCTCCAAAACCTCAGTTCTTCACCGGAAGACTATGGAAGTAAAG
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 AAGCTTTTCCGAGCTGGTGAAGTTGCAACACGAAAAGGAAAAATCTTCAAGGCTTGATTGAAAAATA
 GATGACATATTTGAATCTAAAAGAGGGAAGAAGAAGGTAAGTTACATTTTACACTGGAAGGAATTA
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 CGCTTAGCACAACTGCAACCGTCTTCCAAGAGGAATCCTCACTACCAGACCTTGGAGCGGGATCTTATT
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 GAACTCAAGAGTGAAACATTCCTTTGTCTTGACTGGTGAAGATGGAAGCCGGTGGTTGGTTACTGT
 AAGAAGCTCTTGCCAGTAGGCAAAGGAAAGCGACTCCCTGAGGTATACTGCATGGTTAGTCGCCTAGGC
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 TACCCATTTCATGCGAAGTGTATGGAAGCTCCTTTCCAGCTCCTGGACGCACCATCACAGTTAAGAGT
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 GATTTTAAATGTCTCTTTAAGTGCTGAGTGTGTGTCATCTCATCCGGGTCTGTGCCTCTCTCTTTTG
 GAGCGTAGGGTAATCTTTGTTGCCAACAGCCTAAGCACCTGTCAAAATGTGGCCATGCTGTGGTAGCT
 ACACTGTATCCGTTACCTGGCAGCATACCTATATCCAGTCTGCCAGCATCTATGATTGACATCGTG
 TGCTCACCTACACCATTCCTTATTGGAATCCTGTCTTGCTCCTTACCACAGCTCCAGGACCTACCCATT
 GAAGAGGTGCTGATAGTTGATCTCTGTGCAGACAAGTTCTTACAGGAGGTATCTGATGAGGATGAAATT
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 CAGAATTTTTCACAAGATGTGACACTCAACTCTCTGGTGTCCGAAGCATTTGTGAGGTTTTTGTGGAG
 TTGGTAGGACATTATTCTTTGAACATGACTGTCACTGAGCGTGGGGAGCGTGTTTTCCAAAGGGAACCA
 TTCCGTAAAGTCCACACCTCCCAGAGTGTACGCCACTTCTGGATCTCTTCATGGAAGTCAAGATGTTT
 GCAGGATTCATCCAGGACCGAGAGCTTCGAAAAAGTGGAGTTAAAGGTTTGTGAGATCCGGGCCATC
 CAGTATTTGGAACAATTCCTGAGTCGGAGCCAGTGGGATGAATAGAATTTTGGGAGTCTTGAAGC
 AAAATGAAATTTCTGCAAAAGAAATGA

Restriction Sites: SgfI-MluI
ACCN: NM_001256404
Insert Size: 2787 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:	<u>NM_001256404.1</u>
RefSeq Size:	4514 bp
RefSeq ORF:	2787 bp
Locus ID:	163259
UniProt ID:	<u>Q68D51</u>
Cytogenetics:	1p13.2
MW:	106.9 kDa
Gene Summary:	Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer variant and it encodes the longer protein (isoform 1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.