

Product datasheet for **SC216412**

DENND1A (NM_020946) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DENND1A (NM_020946) Human 3' UTR Clone
Symbol:	DENND1A
Synonyms:	FAM31A; KIAA1608
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020946
Insert Size:	1804 bp



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Insert Sequence: >SC216412 3'UTR clone of NM_020946
The sequence shown below is from the reference sequence of NM_020946. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CTCAGGAAGCAGTGGGAGACCTTCGAGAGAGCCGGGCCCTGAGGGTGGGGATGCACCGAGGCCCGAGG
GTCCGTCCACTGCTGCGGTTCCGAGGCTCCCCGCCACTCTCTCTGCCAGGTTCTGCTGGTGGGAA
GGGATGGGACCCCTCTCTGCTGCCCCCTCTCCCTCCACACTGCCATCTCTGATGTCTGGCCCTGGG
GAATGGCACCAGTTCAGCCTGGGAATCAACCCAGTTCCTGAGTGCCATCCCACCCCGCGGTTGCCTC
TCCTCGGCACCTTGATTGGGTTTTGACTAAAGAGGTGAGTGGGCAATGATATTGCTCCAGACCGA
GTCCTACCCACCTTCCCCCGAAGTGTCCTCAAGAGGCTCCGAAGGCTCCCTCCGAGCCAGCTCTCC
TGTCTCTCCACAGCCAGGCCCTGCACGCCACCTCTCGGACACAGGTGACAGGGTTACCTCCAGTT
TGAGCTCATCTGCACGAGACACAGGTAGCTTGGGGTTGAAGTTAGGACTCTCTGGGCTGGAGGATTT
ACCTGGTGGGGCACTTCCAGACTGTTTCTAGCAATATACACACAGTTCTTCTCTGTGTCTTACCCCA
AACTTACAGTTGATTCTGACCTGGGAGGATCTGGGGACAGGGGGTCTTGGGCTGCCTTGATACACA
GCCCCAGCCACCTGCACGGGGGCTGCGAGCACCAGCAACTTTGATTTATAGAAGGAAAATGGAAACCC
CCATCTGAGTATTTGGGAGGAGCCCCAGCCCTCATCCAGCTCTGGCAGCTGATACCTCCAGGTACT
CCCCTCACTGTCAAAGCTGGGGCTCAGCCTCTTGTCATCTGGAGCTTTGTGGCAAAGCTGAGAAGCTG
CAACCCAGATTTCAACCCAAAAGGTCAAGCTGAATGCCTCAGACTGATGTGAAGGCAGCTGGCCTTC
CTGGGTTGGAACGAGGAGGAGGGCTAGAAGCCAGTCCCTCCCACCTGCCAGAGCTCCAGGCCAGC
ACAGAAATTCCTGAGGCCAACGTACCAAAGTTAGATTGAATGTTTATTATCTTTCTTTTCTTTTAA
CCTTATTGATTTGATGAATCTTGAATGGATTCAATTTCCATAAACCAAGTTAAAGTATGGCCGACCAT
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TGTGAAGGGTCAGACACAGTCTACCCAGGGGTGTCTGGGGACAAGGGGGTCTCTGGAGATGTCACCA
GGGAGCCCCCTCTATGTCTGAGAGGCTGCCACTGCTGCACATGCTCAGTGAGGCTTGGCGGCCATCTG
GCACATGGCTCTTCTGGGTCAACCGTGACCTGTCTGGCTCAGGAATGGGCTCTGGCTGTGGGGAGC
CGTGTCACTCCTGGGCCATGGGGCACCTCTGGGCACTTAGGTGTTTCAGCATAGATTCCAGTTTCGC
ACCCTGGGCAGACCCCCAGGCCCATCCGGGATAGGGCAGAGGAGGTGCTGGCGGCCCCAGGGAAGGAG
GGTGTGTACCCCAAGGCCCTTGCTGTGCTGAGGGGCTGGGGTGAAGCTCCATGTTACATGAGCAC
TGCTGCCTCTTCACTTGTGGGACTTTTTCGAAACCAAGGATGAAGTTTGTGTGATTCAATAAAATCA
TCTTGGGGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_020946.2](#)

Summary:	Clathrin (see MIM 118955)-mediated endocytosis is a major mechanism for internalization of proteins and lipids. Members of the connecdenn family, such as DENND1A, function as guanine nucleotide exchange factors (GEFs) for the early endosomal small GTPase RAB35 (MIM 604199) and bind to clathrin and clathrin adaptor protein-2 (AP2; see MIM 601024). Thus, connecdenns link RAB35 activation with the clathrin machinery (Marat and McPherson, 2010 [PubMed 20154091]).[supplied by OMIM, Nov 2010]
Locus ID:	57706
MW:	66.2