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Product datasheet for SC210415

DENND5A (NM_015213) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	DENND5A
Synonyms:	DEE49; EIEE49; RAB6IP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015213
Insert Size:	876 bp
Insert Sequence:	>SC210415 3'UTR clone of NM_015213 The sequence shown below is from the reference sequence of NM_015213. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACGTCCCTTGTCAAGGGCATCGACATCTGACCTCCCAGCACCAGCCAGCAGCAGGACTGAGAAAGACTC ACCCTGCAGCTCTGACCTTTTTTCCCAAAGGGACTTAAGCGATTGTGCAGGAGTAGGAGACAAAATGTA CACTCACTGTAAAAAGAAAACTAGAGGATTTTTGGAATAAATAATCTATTTTAGAGTTTATTTGCTGAT TTGCTTTTTACACACTTTCATGTGAAAGAGTGATAGGGAGAGGGAGCGAGGCTGGTGCCGCTTATTTTG AAGCTGGTGCCCTCCCTCGCCGTGGCCACATGCTGGAAGCCTGAGGCCTCCCTGGACTGAGCCTGTGGC ACTGCGTGCGGGACAGTTATGTTTCCTTGCCCCGTCGCATTAATGAGGCCCTTCCACATCATTTTTAAA CTAATGTTTTTCTATATTAACATTATTATGGATATTTGGCTTTCATAGGCCACACACAGGTGTGCTGCG CGGGAAGCCCCATGCTCCAATCAAAGGGATTTTTAGTAGTGCCTCTAAGCAAGCACCGATGAGTCAGTC CCACGTATTTTCTTTTTTGTCAGTATTGTTTGGGAAGGAGACATGCCGGGATGTGTCATCGTGCCAAAT ACCACATTTCCTGTTGGCACAGTTTCACAGAAGTAAACATAAGCATGTTTTAACAGGTTTTTCTTTTCT TTTTTCTTTTTTAAAATGTTTTATTTATTTAACCCGCCATTGTGTGTTTTTAAGTATTTTCTTTTTTTA AGGAAAGGAAAAGCTTGTCACAATCTAACTGGCTATGTTATTATTATTAAATTTATGTTTTGCAACTTA GAAACCAGCTACAGTATGGCCCACTTAATAAAACACCTGAAACAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_015213.4

Summary: This gene encodes a DENN-domain-containing protein that functions as a RAB-activating guanine nucleotide exchange factor (GEF). This protein catalyzes the conversion of GDP to GTP and thereby converts inactive GDP-bound Rab proteins into their active GTP-bound form. The encoded protein is recruited by RAB6 onto Golgi membranes and is therefore referred to as RAB6-interacting protein 1. This protein binds with RAB39 as well. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Mutations in this gene are associated with early infantile epileptic encephalopathy-49. [provided by RefSeq, Feb 2017]

Locus ID: 23258

MW: 33.6