

Product datasheet for MC224140

Dennd5b (NM_177192) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd5b (NM_177192) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd5b
Synonyms:	9330160C06Rik; AI852444; D030011O10Rik; ENSMUSG00000072657; Gm17524
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224140 representing NM_177192 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGCGGTAGCAGCGCGCGCGGGCCGGGCTCGGGTCTCCCCGGCCGCTGTCGCTTCGCGCACT
ACTTCGTGCTGTGCGGGATCGATGCGGACAGCGGGCTGGAGCCCCGACGAGCTGGCGGGTGAAATTTTGA
TCAGAGTCCTCTGAGAAGAATTCAAATCCAAAGTTCTGGCCCACTATCCTCAAACATAGAATGGAAC
CCTTTTGATCAAGATGCAGTGAACATGCTGTGCATGCCAAAGGGCTGTCTTCAGAACACAAGCTGACA
ATAAAGAGCCTCAGTTCCTACTATTTATAATTACCGGGAAGATGTTTCTCGCACCTATGGTTTTGTCT
CACTTTCTATGAAGAAGTTACAAGTAAGCAAATCTGTACAGCCATGCAGACACTGTACCAGATGCATAAT
GCTGAGCAGTACAGCAGTGTGTACGCTTCATCCTCTTGACATATGGACTCACTGGCAAGTAGTATTGACG
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TGTTTTCAAAAAGTATCTGCTTGATCACACCTCTGCCTTCATGCAAGCCTGCAAGAAATTCCTCTTCCAA
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ACGAGGTGCCCTTCCGCTCCTGGGAGGTCAGTAAATTTATGGTGTTATGAACCTGTCATCTGCCA
GAGGCCTGGGCCCAATGAACTCCCTCTTCTGACTACCCTCTTCGAGAGGCCTGTGAGCTCCTGGGATTA
GAGAACCTAGTGCAAGTGTTACCTGTGTTCTTTAGAGATGACAGCCCTCTCTACTCACAAGATTATC
AGCGCCTGATGACAGTGGCAGAAGGCATTACCACACTCTGTTCCTTTTCAATGGCAGCATGTTTATGT
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TGTATGAGCTACTGAAGGCGAGTGAGACCATAGCCGCTCCAGGCTCTTGCCAAGAGGACTGGGGTGAC
CATGGAATAAATTGACCTTCCAGCTTCTCTGAGTAAAAAAGAAAGGATTTAAATTTGACAGTGTGAAGAG



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GCCGACTTGAGGGACTCCAGCTCAATGTACAGCTGCGAGAGGTCTTTGCCAACCGCTTTACACAGATGT
 TTGCCGATTACGAAGCATTGTGATTGAGACTGCCAGGACATGGAGTCCTGGCTGACCAACCGGGAACA
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 CACCTGCTGTGATTGCACAAACCACTGGAATTTGTAGAAGTTTATTAAGAATGCAGAATGAAGAC
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 AACTCAGAGTCTCTCTTATTCAAGACATGAGGCATATTCAGAACATGACTGAGATCAAGACTGAGCTTG
 GACGGGCGCGGGCGTGGATAAGGTTGTCCCTGGAAGAAGCTCTGTGCGCAGCACCTCAAGCAGTGCT
 CTCTAACCAGCCACTGACCAAGAAGCTTTATAAGCGCTATGCTTTTCTCCGTTGTGAAGAAGAAAGAGAA
 CAGTTTCTTTACCATCTGCTTTCCCTCAACGCTGTGGACTACTTCTGCTTTACAGTGTGTTACCACTA
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 ACTTTTGAGTGCCAGAACCTGGGAAAGCTGACTACAGTTCAGATTGGCCATGATAACTCCGACTGTTAG
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 GCTTCAGATGAAGACCTGGGAAAGCAGTGTGGACTCCACCACAGCAGAAATCTCCACGACAACCAAGGA
 GACTGAGTATTACCTCACTAACGGGAAAGCCTGCCAAACCAATGCTGGACAGATCCAAGAAGGAATTGG
 AGAAGCTGTGAACAATATTGTGAAGCATTTTCAAAACCTGAGAAAGAGAGAGGAAGCCTCACAGTGCTG
 CTGTGCGGAGAAAATGGCTGGTTGCTGCACTTGAACAAGTTTCCATCATGGGTTCAAATCTGCCCGCA
 TCTTTCACAAGAATGTCTTCATCTGGGACTTCGTAGAGAAAGCAGTGGCTATTTTGAAACCACTGACCA
 GATTTTAGACAATGAAGGTGATGTGCTCATTGAGAAACCATCAAGCAAAACCTTCTGCCACTACGTGAAT
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 GGGATCACCTGCTTCACAGTGGATTCCATTGCTAGCAGAATGTCTGCCATCACCCGAATGTATGAAGA
 GAATGCACTGCTTCGAGACCACATGACTGTCAACTCCCTTATCCGAATTCTTCAGACCATTACAGATTTC
 ACCATAGTCTTGAAGGATCACTAATCAAAGGAGTGGATGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_177192
Insert Size:	3825 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177192.3, NP_796166.2</u>
RefSeq Size:	9833 bp
RefSeq ORF:	3825 bp
Locus ID:	320560
UniProt ID:	<u>A2RSQ0</u>
Cytogenetics:	6 G3
Gene Summary:	Guanine nucleotide exchange factor (GEF) which may activate RAB39A and/or RAB39B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form (By similarity).[UniProtKB/Swiss-Prot Function]