

Product datasheet for **SC314522**

DENND2B (NM_139157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND2B (NM_139157) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENND2B
Synonyms:	HTS1; p126; ST5
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_139157, the custom clone sequence may differ by one or more nucleotides

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ATGACCATGACTGCCAACAAAGAATTCCAGCATCACCCACGGAGCTGGTGGCACTAAAGCC
CCTCGGGGACTCTGAGCAGAAAATCCTTTGAGTTTGAGGATGCATCCAGTCTCCAGTCC
CTGTACCCTCTTCTCCCACTGAGAATGGTACTGAGAACCAACCAAGTTTGGATCCAAA
AGCACTTTAGAAGAAAATGCCTATGAAGATATTGTGGGAGATCTGCCAAGGAGAATCCA
TATGAGGATGTGGACTTAAAGAGCCGAAGAGCAGGACGAAAATCCAGCAACTGTCTGAG
AACTCCTTGACTCTTTGCACAGGATGTGGAGTCTCAGGACAGGAAGTACAACAGCCCG
CCCACACAGCTTTCCCTGAAACCCAACAGCCAGTCCCTGCGCAGTGGAAGTGGTTCAGAA
AGGAAGAGCCACCGGCTGCCACGATTACCCAAGAGGCACAGCCATGACGACATGCTGCTG
CTGGCTCAGTGTGCTGCCGTCTCACCTCCAGCCTCAATGAAGACAGCCTCAGCACC
ACCAGCGAGTGTGTCCAGCCGCGGGCCGCGCATTCCCAAGCTTGCCAAAGAATT
AACTCCATCTACAATGCCAAGAGAGGAAAGAAGAGATTAAGAAAGTTGTCTATGTCCAGC
ATTGAAACAGCATCACTGAGAGATGAAAACAGTGAAGAGGAGAGGAGGACTCTGATGACAGG
TTCAAAGCCACACAGCGCCTGGTCCACATCCAGTCGATGCTGAAGCGCGCCCCAGC
TATCGCACGCTGGAGCTGGAGCTGCTGGAGTGGCAGGAGCGGGAGCTTTTGGAGTACTTT
GTGGTGGTGTCCCTCAAGAAGAAGCCATCGCGAAACACCTACCTCCCGAAGTCTCCTAC
CAGTTTCCCAAGCTGGACCGACCCACCAAGCAGATGCGAGAGGCAGAGGAAAGGCTCAA
GCCATTCACAGTCTTTGCTTCCCTGATGCCAAGGACTGGCTTCTGTGTGTCAGAGTATAGC
AGTGAGACCTTTTCTTTCATGCTGACTGGGGAAGATGGCAGCAGACGCTTTGGCTACTGC
AGGCGCTTACTGCCAAGTGGGAAAGGGCCCGGTTGCCAGAGGTACTGTGTATCAGC
CGCCTTGGCTGCTTCGGCTTGTTCCTCAAGTCTAGATGAGGTGGAGCGCGCGCTGGG
ATCTCCGCTGCATTGGTCTATCCTTTTCATGAGAAGTCTCATGGAGTCGCCCTTCCAGCC
CCAGGGAAGACCATCAAAGTGAAGACATTCTGCCAGGTGCTGGCAATGAGGTGTTAGAG
CTGCGGGGCCCATGGACTCAAGGCTGGAGCACGTGGACTTTGAGTGCCTTTTTACCTGC
CTCAGTGTGCGCCAGCTCATCCGAATCTTTCCTCACTGCTGCTGGAGCGCCGGTCTATT
TTTGTGGCAGATAAGCTCAGTACCCTCTCCAGTGTCTCCACGCGGTGGTGGCCTTGCTC
TACCCCTTCTCCTGGCAGCACACCTTCTTCTGTCTCCCGCCTCCATGATTGACATC
GTCTGTGTGCCACCCCTTCTGGTTGGCCTGCTCTCCAGCTCCCTCCCAAAGTGAAG
GAGCTGCCTGTGGAGGAGCGCTGATGGTGAATCTGGGATCTGACCGATTATCCGACAG
ATGGACGACGAAGACACGTTGTTACCTAGGAAGTTACAGGAGCTCTGGAGCAGGCTCTG
GAGAGGAAGAATGAGTGTCTCCAGGACTCTGACAGGACTCCGACGATGAATGTAAT
ACCTCAATGGGCTGGTGTGCGGAGGTGTTATCCGGTTCTTTGTGGAGACCGTTGGGCAC
TACTCCCTCTTCTGACACAGAGTGAGAAGGGAGAGGGCCTTTCAGCGAGAGGCTTC
CGCAAATCTGTGGCCTCCAAAAGCATCCGCGCTTTCTTGGAGTTTTTATGGAGTCTCAG
ATGTTTGTGGCTTATCCAAGACAGGGAGCTAAGAAAGTGTGGGCAAGGGCCTTTTT
GAGCAGCGAGTGGAGCAGTACTTAGAAGAACTCCAGACACTGAGCAGAGTGGAAATGAAT
AAGTTTCTCCGAGTTTGGGCAACAAAATGAAGTTTCTCCACAAGAAGAAT

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- Restriction Sites:** Please inquire
- ACCN:** NM_139157
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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:	NM_139157.2 , NP_631896.1
RefSeq Size:	3039 bp
RefSeq ORF:	2154 bp
Locus ID:	6764
UniProt ID:	P78524
Cytogenetics:	11p15.4
Domains:	DENN, dDENN, uDENN
Gene Summary:	<p>This gene was identified by its ability to suppress the tumorigenicity of HeLa cells in nude mice. The protein encoded by this gene contains a C-terminal region that shares similarity with the Rab 3 family of small GTP binding proteins. This protein preferentially binds to the SH3 domain of c-Abl kinase, and acts as a regulator of MAPK1/ERK2 kinase, which may contribute to its ability to reduce the tumorigenic phenotype in cells. Three alternatively spliced transcript variants of this gene encoding distinct isoforms are identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2), also known as p82, lacks an in-frame exon in the coding region, as compared to variant 1. It encodes isoform 2 that is missing an internal segment, as compared to isoform 1.</p>