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Product datasheet for SC106466

CCDC88C (AF070587) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC88C (AF070587) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC88C
Synonyms:	DAPLE; HKRP2; KIAA1509; SCA40
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for AF070587, the custom clone sequence may differ by one or more nucleotides

CGGGCGCGAGCCGCCGCAGCCCCGCGCCCGCTGCTCTCTGCGGAGCCGTTTTGTGCCGCGGCGCGGGGGA
ACGGGGACGCGGGGCGGGGGGCGCGGAGCCGGCGGGCGCAGCCTCAGCATGGACGTGACAGTCTCGGAGC
TCCTGGAGCTCTTCCTGCAGAGCCCGCTGGTGACCTGGGTGAAAACTTTTGGCCCGTTTGGAAGCGGCAG
CCAGGACAACCTGACTATGTACATGGATTTAGTGGACGGCATCTTTTTGAACCAAATTATGCTGCAAATA
GATCCCAGGCCCACAAATCAACGCATCAATAAGCACGTCAACAATGATGTGAACCTTCGCATTCAGAATT
TGACCATCTTGGTGAGAAACATTAAGACCTACTACCAGGATAGACCCTTTTTCCGGTAACTAAACTTCTT
GCGGGCAGACACAGCGTTTGAGTTTTCGCATTGGCTTCAAACAAACCCAGTGGAAGTGGACAGTGAACAA
GACACCCCCGCAGGAGGCCCGGGCACGGGGTGTGGCTGCCAGGCCTGGCCATGGAAGGCCATCACTGTGG
GCTCTTCTGGGAGTGGCACTGACAGCCAGCAAGGAGAATGGGTGCTGGGGCGGAGTGGAAGAAGGTGAGC
TTGAGGCCGGAGTTCCTACCCCAGGAGGCACCGTCAGCGTCCCACTTCTGCTCGTGTGATCCCCTGGAGG
CACCTGAATCAGGCAGTAAACATGGAGTGAGAAACACCGGAGTAGAAGACCTTGCAACAGCACATGTGTG
GGCCCAGTTCCTAGCTGCCCCGGGTGGCCAAGGCCACATCCTGTACACACAGGTCTGGGAGTGTCTGCAT
TTCAGCCCTTGACCGTGAACTTGACCCTCTGGAGGTGTCCATCTTGATGTGATCCTCTGACTGCAACCTC
ATCCTCTGCCTCTCAGAGCTGCCTCCCCCTGTGGCTTCTTGCCCTGAGGCATGGGAGGCGTTGGTGCCAG
GAGCTTGGGGTTTGAGTCAGGTTGGCTCGGGGATAAGACCCAGCCTTTCCACACATTAGTTTGTGATGCT
GGGTCATAGTGCGTCTGTTTGCTCCCTGTCAAGGGACCAGTAACATGAGGGGTCAGAGAAGGGATCAGAA
CTCTCGTGGGCCTCCAGTGTGTCGCAAGTTTTTGCTGTTCTGCTTTTCCTCAGCTGCTGGTGGGAATGCA
AATTGCTGTGCTGACTTTGGAAAAACTCTCCGGCAGTAAAGCCTAAAGTTCCACATCCACACACCGTACT
GTGGCCCAGCTGATTTCTCTCCTAAGGGTATCCCGGAGTAACTTCTGCACATGGATGCCTGGGACTTCAC
AGCCCTTCTGCACACAATAACAGAAACCTGGAAGCCACCCAGATGCCCATCAGTGGGAGAAGGGATGAAT
ACACGAAGACACGATCACACAATGGAATATTATACAGCTGTCCAAACACATTAACTGCAGCATAACTTCA
GTGATGTAGGTGGACTCTGGCAATATCATAAATATTAGTAAAAATAGCATGTTCCCAATGATGACTTACA
GCACTATGCCTTTTAAAAATAAAGTTAAAAGCAACTACAATGACTGTACTCTCTAGGAAAATTTACAGGT
GCAATAAAACTACATAAAAAAGCAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for AF070587 unedited
NCCCGTTCAAATTTGTATACGACTTACTATAGGCGGCCGCGAATTCGCACCAGGCGGAAC
GTGGTCTCGCGCGCCCCGCCTTTGTCTCCCGGGCGCGAGCCGCCGCAGCCCCGCGCCCGC
TGCTCGCTGCGGAGCCGTTTTGTGCCGCGGCGCGGGGGAACGGGGACGCGGGGCGGGGGG
CGCGGAGCCGGCGGGCGCAGCCTCAGCATGGACGTGACAGTCTCGGAGCTCCTGGAGCTC
TTCCTGCAGAGCCCGCTGGTGACCTGGGTGAAAACTTTTGGCCCGTTTGGAAGCGGCAGC
CAGGACAACCTGACTATGTACATGGATTTAGTGGACGGCATCTTTTTGAACCAAATTATG
CTGCAAATAGATCCCAGGCCCACAAATCAACGCATCAATAAGCACGTCAACAATGATGTG
AACCTTCGCATTCAGAATTTGACCATCTTGGTGAGAAACATTAAGACCTACTACCAGGAT
AGACCCTTTTTCCGGTAACTAAACTTCTTGCGGGCAGACACAGCGTTTGAGTTTTCGCAT
TGGCTTCAAACAAACCCAGTGGAAGTGGACAGTGAACAAGACACCCCCGCAGGAGGCCCG
GGCACGGNGGTGTGGCTGCCAGGCCTGGCCATGGAAGGCCATCACTGTGGACTCTTCTGG
GAGTGGCACTGACAGCCAGCAGGAGAATGGGTGCTGGGGCGGAGTGGAAAAAGGTGAGCT
TGAGGCCGGAGTTCCTACCCCAGGAGGCACCGTCAGCGTCCCACTTCTGCTCGTGTGATC
CCCTGGNAGCACCTNGATCANGCAGTAACATGGAGTGAGAACACCGGAGTAGAAGACCTG
CACAGCACATGTGTGGGCCCAGTNCTACTCCCCCGGNTGGCCAGGCCCATCTGTCCNCAG
TTTGGGGAGGTCTGCATTCAGCTTTGACGGN

3' Read Nucleotide Sequence:

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>OriGene 3' read for AF070587 unedited
NAAAGGTCCAACTATGNACCGCGGCACGCATTCTATGATCGATTTTTTTTTTTTTTTTTT
ATGTAGTTTTATTGCACCTGTAAATTTTCCTAGAGATACAGTCATTGTAGTTGCTTTTAA
CTTTATTTTTAAAAGGCATAGTGCTGTAAGTCATCATTGGGAACATGCTATTTTTACTAA
TATTTATGATATTGCCAGAATCCACCTACATCACTGAAGTTATGCTGCAGTTAATGTGTT
TGGACAGCTGTATAATATTCCATTGTGTGATCGTGTCTTCGTGTATTCATCCCTTCTCCC
ACTGATGGGCATCTGGGTGGCTTCCAGGTTTCTGTTATTGTGTGCAGAAAGGCTGTGAAG
TCCCAGGCATCCATGTGCAGAAGTTACTCCGGGATACCCTTAGGAGAGAAATCAGCTGGG
CCACAGTACGGTGTGTGGATGTGGAACTTTAGGCTTTACTGCCGGAGAGTTTTTCCAAAG
TCAGCACAGCAATTTGCATTCCCACCAGCAGCTGAGGAAAAGCAGAACAGCAAAAACTTG
CGACACACTGGAGGCCCACGAGAGTTCTGATCCCTTCTCTGACCCCTCATGTTACTGGTC
CCTTGACAGGGAGCAAACAGACGCACTATGACCCAGCATCACAAACTAATGTGTGGAAAG
GCTGGGTCTTATCCCCGAGCCAACCTGACTCAAACCCCAAGCTCCTGGCACCAACGCCTC
CCATGCCTCNAGGCAAGAAGCCACAGGGGGAGGCAGCTCTGANAGGCANAGGATGATGTT
GCAGTCAGAGGATCACATCCAGATGGACACCTCCAGAGGGTCAAGTTCACGGTCAAGGGC
TGAAATGCAGACACTCCCAGACCTGT
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Restriction Sites: NotI-NotI

ACCN: AF070587

Insert Size: 1650 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: AF070587.1

RefSeq Size: 1660 bp

RefSeq ORF: 1660 bp

Locus ID: 440193

Cytogenetics: 14q32.11-q32.12

Gene Summary: This gene encodes a ubiquitously expressed coiled-coil domain-containing protein that interacts with the dishevelled protein and is a negative regulator of the Wnt signalling pathway. The protein encoded by this gene has a PDZ-domain binding motif in its C-terminus with which it interacts with the dishevelled protein. Dishevelled is a scaffold protein involved in the regulation of the Wnt signaling pathway. The Wnt signaling pathway plays an important role in embryonic development, tissue maintenance, and cancer progression. Mutations in this gene cause autosomal recessive, primary non-syndromic congenital hydrocephalus; a condition characterized by excessive accumulation of cerebrospinal fluid in the ventricles of the brain. [provided by RefSeq, Jan 2013]