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Product datasheet for SC307630

CSMD3 (NM_198124) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: CSMD3 (NM_198124) Human Untagged Clone

Tag: Tag Free

Symbol: CSMD3

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_198124, the custom clone sequence may differ by one or more nucleotides

ATGTGGAGTTGGTTCCTTTGCTGGAAACCTGTACAGCTTGACCGACAGACAGCCTCAGGA
TTTATTTATACATGTGGTGGAACTTTAAAAGGACTTAATGGCACTATAGAAAGCCCTGGT
TTTCCATATGGATATCCAAATGGTGCAAACTGCACATGGGTAATAATAGCAGAAGAACGA
AATAGAATACAAATTGTTTTTCAGTCATTTGCTCTAGAAGAAGAATACGACTACTTATCA
TTATATGATGGACATCCTCATCCTACAAACTTTAGGACAAGGTTAACAGGATTCCATCTG
CCACCTCCAGTGACAAGTACCAAATCTGTGTTCTCACTACGTTTGACCAGTGATTTTGCA
GTTAGTGCTCATGGATTTAAGGTATATTACGAAGAATTGCAGAGTAGCTCTTGTGGAAAT
CCTGGTGTTCCACCCAAAGGTGTATTATATGGCACAAGATTCGACGTCGGGGACAAGATC
CGCTACAGCTGTGTAACTGGATACATCCTTGATGGCCACCCTCAGCTCACCTGCATAGCC
AATTCAGTTAATACAGCTTCGTGGGATTTTCCTGTTCCTATCTGTAGAGCTGAAGATGCT
TGTGGAGGAACAATGAGAGGATCCAGTGGCATCATATCCAGCCCTAGTTTTCCTAATGAG
TACCATAACAATGCTGATTGCACTTGGACCATTGTAGCAGAGCCTGGGGACACAATTTCA
CTCATATTTACTGATTTTCAAATGGAAGAGAAATATGATTACTTAGAAATAGAAGGTTCT
GAGCCACCTACCATATGGTTATCTGGAATGAATATACCACCACCAATTATCAGCAACAAA
AACTGGCTCAGACTGCATTTTGTTACAGACAGCAATCATCGATACCGTGGATTTAGTGCT
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AACAGGACTACCACTGGTGCTATTGCTGTTGCTAGCACACCTGCAGATGTTACTGTATCC
AGTGTTACAGCTGTCACCATCCATAGACTTTCCGAGGAACAGCGAGTGCAAGTTACGAGT
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GATACACAAAGTACCAGGAGAAGACCAAGACATGCTGAACAGATAGAAAGAACTAAAGAG
CTTGCAGTTGTTACTCATAGAGTGAAAAAGGCCATAGATTTTAAATCTAGAGGATTTAAA
TTGTTTCCAGGGAAAGACAACAGCAACAAGTTTTCTATCTTAAATGAGGGAGGTATTAAA
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GCAAAGAGCATCACCTGTCAACGGATAGCTGAAGTTTTTGCTGCTTGGAGTGATCACAGG
CCTGTGTGTAAAGTGAAAACGTGTGGCTCTAATCTTCAAGGACCAAGTGGTACCTTTACA
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GTGAATACAAATAAGGTTATCCAGATAAATTTTGAAGAATTTGATCTGGAGATTGGCTAT
GATACCTTGACAATTGGCGATGGGGGCGAAGTTGGAGATCCTAGGACAGTGCTCCAAGTG
CTGACTGGAAGCTTTGTACCAGACTTGATAGTGAGCATGAGTAGCCAAATGTGGCTGCAC
CTTCAAACGGACGAAAGTGTTGGATCTGTTGGTTTCAAGGTTAACTACAAAGAAATTGAG

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AAAGAAAGTTGTGGTGATCCTGGTACACCCTTATATGGAATTAGAGAAGGCGATGGATTT
TCTAATCGTGATGTTTTAAGGTTTGAATGCCAGTTTGGGTTTGAATTAATTGGAGAGAAA
TCCATTGTTTGTCAAGAGAATAACCAATGGTCTGCAAACATACCCATCTGTATCTTTCCC
TGCCTGTCTAACTTTACTGCACCAATGGGAACAGTTCTTTCTCCTGATTACCCAGAAGGG
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CTTTCAGGGGTATATAAAAGCCAGGAAGCTCGCCTAATGTTACGCATATATCTTATTAAA
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GTTTCTGCTGAGCCTGATGGAGCTACTTATGTATTTCAAGGATTTATTCAAGGCAAAGAT
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CAGTATACAGGATGTTCAGTTCATGAAAATAACAATGGCCAAGCAGCTTTTGAAAATCCC
ATGTATGACACCAACGCAAAGTCAGTGGAAGGGAAGGCGGTACGATTTGATCCCAACTTG
AACACGGTTTGCACAATGGTATAA

Restriction Sites: Please inquire

ACCN: NM_198124

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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:	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_198124.1, NP_937757.1
RefSeq Size:	13042 bp
RefSeq ORF:	11004 bp
Locus ID:	114788
UniProt ID:	Q7Z407
Cytogenetics:	8q23.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Involved in dendrite development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (b) lacks two alternate in-frame exons in the mid coding region, compared to variant a. The resulting isoform (2) is shorter than isoform 1.