

Product datasheet for **SC122344**

MCTP2 (BC025708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MCTP2 (BC025708) Human Untagged Clone
Tag:	Tag Free
Symbol:	MCTP2
Synonyms:	FLJ11175; FLJ33303; MGC111402; multiple C2 domains, transmembrane 2; multiple C2-domains with two transmembrane regions 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC025708 edited
CTGTGACAGCAGGTTTGCAAAACCAATGAAAAACAGTTTTCCCGAGGCAGGGAGGAAT
TTTTTTTATAATTAAATACTGAAAGTTGGAATTCCTATGATCATCAAAGTCACTCTCAGG
AATTAGAAGCAAGTTTACATGTCATCTTTATTTTTGCTTTAGTCCTCTTTGATACGCAA
CCTACGGCTCTCTGAGTCCTTGAAAAAGAACCAACTCTGGAACGGGATTATAAGTATAAC
TTTGTGGAAAGGAAGAATGTCTCAGGAGGAAGCATGACAGAGATGTTTGTCCAGTTAAA
ACTGGGAGATCAGAGGTATAAAAGTAAGGATGGGCATTTTGGACATTGAAGTGTGGGGAA
AGGACAACAAAAAGCATGAGGAACGTCTGGGCACGTGTAAGTGGATATCTCGGCACTCC
CTCTGAAGCAAGCCAAGTGCCTGGAGCTGCCACTGGACAGCTGTCTGGGGGCTCTCCTTA
TGTTGGTCACACTTACACCCTGTGCGGGGTCTCCGTCTCTGATCTGTGTGTCTGCCCCT
TAGCAGACCTCAGCGAAAGAAAGCAGATTACCCAGCGATATTGCTTACAGAACTCCCTGA
AAGATGTGAAAGACGTGGCATTCTACAAGTGAAGTTTTAAAGGCAGCAGATCTCTTAG
CGGCAGATTTCTCAGGGAAGAGTGACCCATTTTGTCTGTTGGAGTTAGGCAATGACCGAC
TTCAGACGCATACCGTCTACAAAAACCTCAACCCTGAATGGAACAAAGTTTTTACATTTT
CCATTAAAGATATCCATGATGTTTTGGAAGTGACAGTGTGTGATGAAGATGGAGATAAC
CCCCAGATTTTCTTGAAAGTTGCCATTCCCTTGCTGTCCATTAGAGATGGACAACCGA
ATTGTTATGTACTAAAGAATAAAGATTTAGAACAAGCTTTTAAAGGAGTTATTTACTTAG
AGATGGACCTTATATATAATCCGGTGAAAGCAAGTATTAGGACTTTTACTCCCGGGAAA
AGCGCTTTGTGGAAGACAGCCGCAAGCTGTCCAAAAAGATCTTATCAAGAGATGTGGACC
GTGTGAAAAGAATCACTATGGCAATATGGAATACAATGCAGTTCCTTAAAGCTGCTTCC
AGTGGGAATCCACATTAAGAAGTACAATAGCATTGCGCACCGCAAAGAGGAACCAACCC
TGCTCTATGAAATGTACCTTTTCTCTGGTGACATTGGCCCATCCTTATGAGCATAATAAA
ATCGCAGAATCAAAGCGCTGCAAGAGATCTTAAACCACCTAAGTCTACCACTGAGAGCC
CAAGAATCTTGGAAGGACTTCACAGCTGGCCTCATGCCTTCACTTTATATCTCAGGGCAT
TTTCTCTCATTTGTAAAGGGACTTGTCTTGATCAAATTGGTAATGTCAGCCATGGGAGG
AGAAATCAAGTCTCCCGACTGCAAACTTTGTATATTTGGTATCATGCCATTCATTTCTG
TCCTGTGCAAAGATCACTATAAAAACTAATACGAGGTATGAGTGGTCTAAGAGTGTGAAT
ATCAGTCATGATCATTGGTGAATCTGATTTCTGAATGTTATGTGGTTCTGCTTCTGTTTT
CTACTGCCAATATATGCTGAATGTTCTCTCTTAGCCAACAGGCATAGCCTCATATAAAAA
ATGGGGGAAAAAAACATTTATTAGCCCAAGAAGCCAATGGGTTCAAGGTCACTCCCAAC
ATTTTTATGCCATCAAGTATATCAGCTCCAAAAGAGGCTTTTCTTTGCCATTGGGGGT
ATTTTGTGTGCTGCTGTTATTTTAGTTCTCCACTGCTTCGGTGTAGAGGACCTATGCTG
CCTGTAGGCTTGACCTTTCCTATACTTTTTCTGCTGTCTGAAGTTGCTAAACATTTGGC
CTTAATAAAAACTAATAAAGGTTTTATTAATCTGTAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC025708 unedited <pre> CCGCCATCGGATTTGTATACGACTTATATAGGCGGCCGCGATTCTATGATCATCAAAG TCACTCTCAGGAATTAGAAGCAAGTTTACATGTCATCTTTATTTTTGCTTTAGTCCTCT TTGATACGCAACCTACGGCTCTCTGAGTCCTTGAAAAAGAACCAACTCTGGAACGGGATT ATAAGTATAACTTTGTTGGAAGGAAGAATGTCTCAGGAGGAAGCATGACAGAGATGTTT GTCCAGTAAAACTGGGAGATCAGAGGTATAAAAGTAAGGATGGGCATTTTGGACATTGA AGTGTGGGGAAGGACAACAAAAAGCATGAGGAACGTCTGGGCACGTGTAAGTGGATAT CTCGGCACCTCCCTCTGAAGCAAGCCAAGTGCCTGGAGCTGCCACTGGACAGCTGTCTGGG GGCTCTCCTTATGTTGGTCACACTTACACCCTGTGCGGGGGTCTCCGTCTCTGATCTGTG TGTCTGCCCTTAGCAGACCTCAGCGAAAGAAAGCAGATTACCCAGCGATATTGCTTACA GAACTCCCTGAAAGATGTGAAAGACGTGGCATTCTACAAGTGAAGGTTTTAAAGGCAGC AGATCTCTTAGCGGCAGATTTCTCAGGGAAGAGTGACCCATTTTGCTTGTGGAGTTAGG CAATGACCGACTTCAGACGCATACCGTCTACCAAAACCTCAACCCTGAATGGAACAAAGT TTTTACATTTCCATTAGAGATATCCATGATGTTTTGGAAGTGACAGTGTGTTGATGAAGA TGGAGATAAAACCCAGATTTTCTTGAAAGTTGCCATTCCCTGCCTGGCATTAGAGATG GACAACCAATTGTTATGTCTAAAGATAAAGATTAAACAAGCTTTAAAGGAGTTATTTCT </pre>
Restriction Sites:	Please inquire
ACCN:	BC025708
Insert Size:	2059 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:	BC025708.1 , AAH25708.1
RefSeq Size:	2059 bp
Locus ID:	55784
Cytogenetics:	15q26.2
Protein Families:	Transmembrane
Gene Summary:	Might play a role in the development of cardiac outflow tract.[UniProtKB/Swiss-Prot Function]