

Product datasheet for **SC113751**

MAP7D1 (NM_018067) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP7D1 (NM_018067) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP7D1
Synonyms:	PARCC1; RPRC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018067, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAGCGGCCCGTGGGAGCTGGGGGCGGCGCACCCCCAGCTGTGGTCGCCAGGACCCCCCAG
AGCCAAGACCTTCTCCAGAAGGTGACCTTCCCCCCCCACCACCACCAATGTCAGCCCTGGTCCCCGACAC
TCCCCCGGACACCCCTCCTGCCATGAAGAATGCCACTAGCTCTAAGCAGCTCCCACTGGAACAGAGAGC
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GAGGACCCACCCACCAGCCATGGGCCACGGGATGCCAGACCTCCTCGAAGGAGCAGCCAGCCATCTCC
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TATGAAGCAGCCATCCAACGGTCAGTGAAGAAGACGTGGGCCGAAATCCGGCAGCAGCGTGGTCTCTGGG
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CCTGCCCAAACAGTGGACTCTATAATCAACAAGCGGCTCTCAAAGTCCCTGCCACGCTCTGGAATCC
CCCAGTAGAAATCGCAGCTGCAGCTGAGCGCATGGGAGAGCAGCATCGTGGATCGTCTGATGACGCCCA
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ATCCTCTCCCTCCACATCCTGGCACAGGCTGCCTCCCCCTGCCCCAGCCAGGGCCAGGCCACACTCTG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018067 unedited
 GTCAGAATTTTGTAAATACGACTCACTATAGGGGCGGCCGAATCGGCACGAGGGCAGGG
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 GCCTCACCGGCACCTTCGCCGGCGCCCTCGCCACCCAGCCCCGCCAGAAAGGAGCAG
 CCCCCCGGGAGACCCCTACAGACGCTGCTGTCTTGACCTACCCCCAGCCCCGTCTCCC
 CCGGTGACCCCTAGCAAACCAATGGCCGGCACCACAGACCGAGAAGAAGCACTCGGCTC
 TTGGCTGAGAAGCGCGCCAGGCCCGGGAGCAGCGGGAGCGCAGGAGCAGGAGCGGAGG
 CTGCAGGCAGAAAGGGACAAGCGAATGCGAGAGGAGCAGCTGGCACGGGAGGCCGAGGCC
 CGGGCGGAGCGGGAGGCGGAGGCCCGGAGGCGGGAGGAGCAGGAGGCACGAGAGAAGGCG
 CAGGCCGAGCAGGAGGAGCAGGAGCGGCTGCAGAAGCAGAAAGAGGAGGCCGAAGCTCGG
 TCGCGGGAAGAGGCGGAGCGGCAGCGTCTGGAGCGGGAAGCACTTCCAGCAGCAGGAG
 CAAGAGCGGCAAGAGCGCAGAAAGCGTCTGGAGGAGATCATGAAGAGGACTCGGAAGTCA
 GAAGTTTCTGAAACCAAGAAGCAGGACAGCAAGGAGGCCAACGCCAACGGTTCCAGCCCA
 GAGCCTGTGAAAGCTGTGGAGGCTCCGTTCCAGGGCTGCAGAAGGAGGCTGTGCAGAAG
 AAGAGCCCATCCACAGGAGCCCAAGTGCAGGTCCCCAGCAAAGCAGCTGCCCGCGTCC
 CCTGGTGATGGGCTGGAGNCTCCTCCAGCACACCAGGAGGATGGCTTTCTCCCCAACGG
 ACCCTTTGGGGACAGAGTCTGAACCGAACCCCAAACTCCTGCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018067 unedited
 TAGCTATGGACCGCGCCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGGCAGAA
 TTATTCTTTATTTCTGGAGACATTTAATCAGATGCAGTAACACTGATTCCAGGCGAGGGC
 AGGGGGCATGGGTACCCCTGAAGCAACCAGTATCCTGTGGCCCAAGGTGTCCCCATCCC
 CAGACCTGGGATCCCCCTCAGTTACAGTTAAATAGAGAGAGGAAGATCTCCCCAGGGGGC
 TTTGGGGGAGGGTCTGCCTCCTGCACCCACCCTCTCCACGCAGAGGAGTCTGAGCAAA
 GCTATTTACAGTATTCACATCCACTGTACCCCAACAAATCAAGGCAAAATACTACAGGTGG
 CCCCTCCCAAGGGAAGAGGCCAGAGAGGCTGCGAGTGTATATGTGTGTATGGGGAGAA
 GGGATGTCTGCGCGTGCGAGCACACGAATGCACTGAGGGGCAGATCTGGCTTCGGCCAAA
 GAGACATCAGTCTATAAGGTGCAGATTAACAAACAGAGAGGAGCCACCCCAAGGGGCC
 CAGGCCACTTCCATCTTTGGTCTGTCTTTTCTNCTCCAGACATCCTGGTAGGTGATGCA
 GAGGAGCCCTCACAACCTGTGCCCCGATCCAAGGCAAAACCCTCTTAAAGGACTTCTGTGA
 CCTGCGGNGACTGCACCACAGCTTTTTTGAAGAAAGCTTCTGCCCTCGCAAGGGCAGGAT
 GTCTCTGGGGTTTGGTTAGACTTTGNCCCCAGAGGGTCGCTGGTGCAAAACCTTCTCTG
 GGGGCTGCGAGAGCTGCCAGCACTCACAGGGACCTGGGACTTCTTGTGGGAAACCACT
 GAGGTTCTGCGGAATGCGTCTTTTTTGACAAGCTCTTTTGAAGCCTGGGACCGAACCAC
 AGGTTTAAAGCTTTGGCTGGAACCGTGGCGTTGCC

Restriction Sites:

ECoRI-NOT

ACCN:

NM_018067

Insert Size:

1630 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: [NM_018067.1](#), [NP_060537.1](#)

RefSeq Size: 3587 bp

RefSeq ORF: 756 bp

Locus ID: 55700

UniProt ID: [Q3KQU3](#)

Cytogenetics: 1p34.3