

Product datasheet for **SC329058**

MAP7D2 (NM_001168467) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MAP7D2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC329058 representing NM_001168467.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGGATTTTGAATCAGATGAGAGGCAGAGATTGGCCAAAGAAAGACGAGAAGAAAGAGAAAA
TGTCTGGCTGCTCGGGAGCAACAGATCCTGGAGAAACAGAAAGAGCCAGGCTGCAGTACGAAAAGCAA
ATGGAGGAGCGATGGCGAAACTGGAAGAGCAGCGGCAGCGGGAGGACCAAAAGAGAGCTGCTGTGGAA
GAGAAAAGGAAACAGAAGCTCCGGGAGGAGGAAACGGCTGGAGGCGATGATGCGCCGGTCCCTGGAG
CGCACACAGCAGCTGGAGCTGAAAAAGAAGTATTCGTGGGAGCACCCTGGCCATTGGACCCGGAGGA
CATGATGCATGTGACAACTTTCAACATCAACTATGAGTTTGCCAAAGCCAACGGAGCCTCCCATGAAT
AAACGGCTGTCTTCATCCACCGTGGCAATATCCTATTCCCCAGACCGAGCTCCTCTTGGCCCTCTTAAC
CCTTCTTACAAGTCTTCAACCACTCGAAACATTGAGAAGAAGAAAGCTACATCTACGTCTACATCTGGT
GCAGGAGATGTTGGGAAAGAAGCCCTTTCAGGAGGAGAGGCCTCTCTGGTGGAGAAGGTGAAGCGGGG
CAACGAACAGCAACTTCTTCTCTGTGTGAACCTCGGGTCCCCTCTGAGAAGATGTGAGTTTCTGGA
GGCATTCTAAGAGACCATCTTCTCTGTGATATCCAAGACAGCTACTAAAGCTTATCCACAGTCTCCA
AAGACAACGAAACCTCCCTACCCAGGGTCTCCTGTGAAGTACCGCTTACCTGCCCTTCTGGCCAAGAC
ATGCCCAAGAGGAAAGCGGAGAAAGAGAAGAGCAACAGGAAAGGGAAGGTACCTTGGCTCAGCAGGCT
GCTGGCCCGCAAGGAGAGGAAGCCCTAGAGAAGCATGTAGTGGACAAGCATGCCAGCGAGAAGCATGTG
GCTGCCGAGGAGGAAAGCCGAAACAGCGCAGCCTTGGGGAAGCCACAGCAGGCACCACTGATGCA
GGAGAGGCTGCGAAGATCTTGGCTGAAAAGAGAAGACAGGCCCGGCTGCAGAAGGAACAGGAGGAGCAA
GAACGACTGGAGAAGGAAGAACAAGATAGGCTGGAGAGAGAGGAATTGAAAAGAAAGCAGAGGAGGAA
AGGCTTCGCTAGAGAGGAAGCCGAAAGCAGGAAGAAGAAAGGAAGCGCAGGAAGAGGAAAAAGAAA
AAACAGGAAGGGGAAGAGAAAAAGAAAGGCAGGCGAGGAGGCCAAGCGGAAGGCTGAGGAGGAGCTGTTG
TTGAAAGAAAAGCAAGAACAAGAAAAACAAGAGAAAGCCATGATTGAAAAGCAGAAAGAAGCAGCAGAA
ACAAAGGCCCGGGAGGTAGCTGAACAGATGCGTCTCGAGAGAGAACAGATTATGCTGCAGATTGAGCAG
GAGAGACTGGAGAGAAAAGAGAATAGATGAAATCATGAAGAGAAAGGAAAGTATGTGTCTCCA
CAAGTGAAGAAAGAACCCCAAGTGGGGTCCAGCCTGCTGTGTGTGGAAAAGAAAGCAAACTG
GTTGTCCCCAACAAATGGAATCAATGGATTGAACACCTGCCAGGAAGTTAATGGTGTGGATCACGCT
GCCCCAGAACTTATCCCCAAGACATTTTCTAATGGGCTTAAGCCAGCTGGGGGACTCATTCTATCTG
GATGCCCTTATGGGAAATCAATAGCCTGGATGATTCACTGAAGAAGTTCAGTCTATGGATGTGAGT
CCTGTTTCAAAGAGAGCTTATCTCTATCCCGGAATTTTACCAGTGAGTGAAATGATTCTGGGGTG
TCTCTGGACCAAAATGGAAGTGAATGCCCGAGCACTTCAAGATCTTAGATTCTACTGGTCCCCCG
ACATTCCCCAAGAGATCCAGTGAAATCTCAGCCTGGACGACTGTAACAAAACCTTATCGAAGGATT
AACAGTCTGGCCAAGAACTCCTCTCAACACCTTCTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001168467

Insert Size:

2043 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001168467.1
RefSeq Size:	3872 bp
RefSeq ORF:	2043 bp
Locus ID:	256714
UniProt ID:	Q96T17
Cytogenetics:	Xp22.12
MW:	76.6 kDa