

Product datasheet for **MC229034**

C7 (NM_001243837) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C7 (NM_001243837) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C7
Synonyms:	A530026G17; Gm1238
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229034 representing NM_001243837
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGTGACAAGCTTATTAATTTTGGTGTGCTTTATAGCAGCGTTTCAAGTCTTCTCTAGAGCCTCCT
 CTCCAGTCAACTGCAAGTGGGACTCCTATGGCCCTTGGTCAGAATGCAATGGCTGTACCAAGACTCAGAC
 TCGAAGGCGTTCAAGTTGCTGTTTATGGCAATATGGAGGCTATCCATGTGAGGGGAGTGCTTTTGAACA
 CAATCCTGCAACCTGAACGAGGCTGTCCGACGGAAGAGGGCTGTGGGACCGGTTTAGGTGTTTTTCAG
 GTCAGTGCATCAGCAAATCATTGGTTTGAATGGAGATCCTGACTGTGAGGAAGACGGTCTGATGAAGA
 CAAATGTGAAAATGTGGTAACCCTTCTGCAACATTGATAAGCCTCTCCCAACATAGAACTTACCGGT
 TATGGTTACAACGTAGTTACTGGCCAGGGTAAGAAAAGAGTCATCAACACCAAAGTTTCGGTGGTCAGT
 GCAGGAAAGTGTTCAGCGGGGATGGAAAAGATTTCTACAGACTAAGTGGAAATATCCTCTCTTATACATT
 CCAGGTCAAAGTAGATAATGATTTTAACTATGAATTTTACAACAGCAGTTGGTCTTACATAAAGCACACA
 TCCACAGAGCAAAACACATTTTATTCATGGAAGGGATTATTTCCCACTCACGGAATACTTACGGTCATG
 GTTCAGCAAAAAGAGGAAATCGACACGAAAATGAAGAGTTATAAATTTGTTGGTTGTTTCAGAACACTGTTGA
 AGTGGCCAGTTCACATAATAATCCTGAATTTTACAAGTTGCTGAGCCATTCTGGAAGGAACTCTCC
 CATCTTCCCACTCTGTATGACTACAGTGCCACCAGCGTTAATCGATCAGTATGGGACACATTACCTGC
 AGTCTGGGTCCTTAGGAGGAGAATATAGAGTTCTATTTTATGTGGATTACGGAAGTGCCAAAAGAACTGG
 TTTTCAGTCAGACCAGGATAACGCATGTTGCTGTCAGACTTTCAGTTCTTTTTACATCGTCAGCAGAT
 CAGAGATGTATGAAACAGCTAGAGACTGAAAAACAACCTCAGGAAATAAGGGCAGGTTGCTTCGAGGAA
 AACCATTTGGTCAGAGGTGGAGACTCTGGCTTTGTAGCTGACCTTGTTCCTGGACCTGGATAAATCCTGC
 TGGAAACAAGCAGCGCTATTCCTCTGGGCTGGGTCTGTAAACCAGACTTCCCAAGTCATAAAAAGAAAAG
 CTGGCGCCGTTGTATGAGCTGGTCAAGGAGGTGCCCTGTGCCCTGTGAAAAGACTGTACCTGAAGCGGG
 CTATTGAGGAGTACTTCGATGAATTTGACCCTGCCATTGCCGCCTTCCAGAATGGCGCCTCGCTAT
 TGTGTTGGAGACACAGTGCCAGTGTCTGTGCAACCATACACATTTGGTTCAGCGTGTGAGCAAGGAGTC
 CTTGTCCGCGATCAAGCAGGAGGGGTTGATGGAGGTTGGAATTTGGTCTCTTGGAGCCCTGTGTTT
 AAGGGAAGAGAACAAGGAGCCGGAATGCAATAATCCCCCTCCCAGAGATGATGGAAAGTCTGTCTTGG
 AGAAACAAGTGAAGTGAAGCAGTGTGAAGACCAGGACTGGAGAACTGCGATTACTTGAAGCCATTGTC
 TTTCACTCGTCTTGGCTCCAAAAGAATCTGCCTATCACCCCTGCCTTAAAAGATGGATTTGTTCAAG
 GTGAAGGTACCATGGTTCCTGTTGGACAAGCGTAGTATATGCTTGTGATGAGGGGATTCTCTTATTGG
 AGATCCTGTTGCCAGATGTGGAGAAGACTTACAGTGGCTTGTGGAGAAATGCATTGTCAAAAATTGGCC
 TGCGTTTACCTGGAGAGATGAATGGCATGCAGAGTACCCCGCAGAAACCTTTTTACATGGTTGGAGAGA
 AGGTGACTCTTTCCTGTGTGGGGGTAATGCTTAGAGGGTCTTCAACCCTCCTCTGTGGCTCCAGCCT
 GAAGTGGAGTCCCAGCTGAAGGATGCCAAGTGTGTGCAAAAAGCTACCAGCACTCCACCACCAGCAGCC
 CCTGCATGTCAGCCTTGGGAGAACTGCAGAACTCAAAATGCATCTGTAATGCCCTATGAATGTGGAT
 CCTCTTGGATGTATGTCCCGAGATGAGAGTAGAAACAAGATTCTGTCTGACCATCTGCAAGATGCA
 CGTTGTCCACTGTCATAAAAAGAAATACACTCTTGTGGCAAGGAAAGCTGACTCTGCCTCCCCGGCT
 GAGAAAAGTCTGTGGTGCATGCCCAATATGGAGTAAATGTGATGCTCAGAAATGGCAATGTATCTGCAGAG
 AAGCATCGGAGTGCCAGACAGCAGGCTACAGAATCTGTGTGGAAGTGAATGGCAAAGAGGAAACGATGTC
 TGAGTGTGAGGCTGGCATCTTAAGATGCAGAGGACAGAGCATCTCCATCACAGCCATAAAGCCCTGTGCA
 GAAGAAGCAGCCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001243837
Insert Size: 2538 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001243837.1, NP_001230766.1</u>
RefSeq Size:	2709 bp
RefSeq ORF:	2538 bp
Locus ID:	109828
Cytogenetics:	15 1.98 cM