

Product datasheet for **MR231245**

C7 (NM_001243837) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR231245 representing NM_001243837
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGTGACAAGCTTATTAATTTTGGTGTGCTTTATAGCAGCGTTTCAAGTCTTCTCTAGAGCCTCCT
 CTCCAGTCAACTGCAAGTGGGACTCCTATGGCCCTTGGTCAGAATGCAATGGCTGTACCAAGACTCAGAC
 TCGAAGGCGTTCAAGTTGCTGTTTATGGGCAATATGGAGGCTATCCATGTGAGGGGAGTGCTTTTGAAACA
 CAATCCTGCAAACCTGAACGAGGCTGTCCGACGGAAGAGGGCTGTGGGACCGGTTTAGGTGTTTTTCAG
 GTCAGTGCATCAGCAAATCATTGGTTTGAATGGAGATCCTGACTGTGAGGAAGACGGTCTGATGAAGA
 CAAATGTGAAAATGTGGTAACCCTTCTGCAACATTGATAAGCCTCTCCCAACATAGAACTTACCGGT
 TATGGTTACAACGTAGTTACTGGCCAGGGTAAGAAAAGAGTCATCAACACCAAAGTTTCGGTGGTCAGT
 GCAGGAAAGTGTTCAGCGGGGATGGAAAAGATTTCTACAGACTAAGTGGAAATATCCTCTCTTATACATT
 CCAGGTCAAAGTAGATAATGATTTTAACTATGAATTTTACAACAGCAGTTGGTCTTACATAAAGCACACA
 TCCACAGAGCAAAACACATTTTATTCATGGAAGGGATTATTTCCCACTCACGGAATACTTACGGTCATG
 GTTCAGCAAAAAGAGGAAATCGACACGAAAATGAAGAGTTATAAATTTGTTGGTTGTTTCAGAACACTGTTGA
 AGTGGCCAGTTCACATAATAATCCTGAATTTTACAAGTTGCTGAGCCATTCTGGAAGGAACTCTCC
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 CAGAGTGTATGAAACAGCTAGAGACTGAAAAACAACCTCAGGAAATAAGGGCAGGTTGCTTCGAGGAA
 AACCATTGGTCAGAGGTGGAGACTCTGGCTTTGTAGCTGACCTTGTTCCTGGACTGGATAATCCTGTC
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 GAAGAAGCAGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231245 representing NM_001243837

Red=Cloning site Green=Tags(s)

MQVTSLLILVCFIAAFQVFSRASSPVNCKWDSYGPWSECNGCTKTQTRRRSVAVYGQYGGYPCEGSFET
QSCKPERGCPTEEGCGRFCFSGQCISKSLVCNGDPDCEEDGADEKCEENVANPSCNIDKPPPNIELTG
YGYNVVTGQGKKRVINTKSFQGGQCRKVFSGDGKDFYRLSGNILSYTFQVKVDNDFNYEFYNSSWSYIKHT
STEQNTFYSWKGLFHSRNTYGHGSAKEEIDTKMKS YKLLVVQNTVEVAQFTNNNPEFLQVAEFPWKELS
HLPTLYDYSAYRRLIDQYGTHYLQSGSLGGEYRVLFYVDSGSAKETGFQSDQDNACSSADFQFLTSSAD
QRCMKQLETEKSTSGNKGRLLRGKPLVRGGDSGFVADLSFLDLNPNAGNKQRYSSWAGSVTRLPQVIKEK
LAPLYELVKEVPCASVKRLYLKRAIEEYFDEFDPCHCRPCQNGGLAIVVETQCQCLCKPYTFGSACEQGV
LVGDQAGGVDGGWNCWSSWSPCVQGKRTRSRECNPPRDDGKSCLGETTESKQCEDQDLEKRLLEPHC
FHSSLAPKEFCLSPPALKDGFVQEGTMVPVQSVVYACDEGYSLIGDPVARCGEDLQWLVGEMHCQKLA
CVLPGEMNGMQSHPKPFYMGKEVTLSCVGGMSLEGSTLLCGSSLKWSPELKDAKCVQKATSTPPAA
PACQPWEKLQNSKCICKMPYECGSSLDVCARDESRNKILSLTICKMHVVHCHKRNYTLVGKESCTLPSPA
EKVCGACPIWSKCDAQNGKCICREASECQTAGYRICVEVNGKEETMSECEAGILRCRGQSSISITAIKPCA
EAAQ

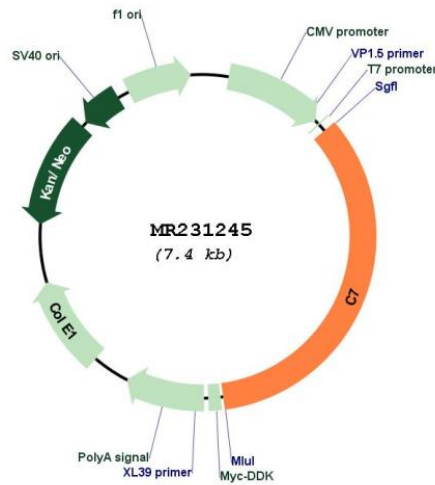
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001243837
ORF Size:	2535 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001243837.1 , NP_001230766.1
RefSeq Size:	2709 bp
RefSeq ORF:	2538 bp
Locus ID:	109828
Cytogenetics:	15 1.98 cM
MW:	93.8 kDa