

Product datasheet for MC229663

Cntrl (NM_030000) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntrl (NM_030000) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cntrl
Synonyms:	6720467O09Rik; AA968343; b2b1468Clo; Cep1; Cep110; IB3/5; Ma2a8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229663 representing NM_030000 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGCCCAGAAGAGGGGCAAAGAACAGCAGCTTGACATTATGAACAGACAGTACACACAGCTCGAAA
GCCGCCTGGACGAGATACTTTGTAGAATTGCCAAAGAGACTGAAGAGATCAAGGACCTTGAACAGCAGCT
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AGCAGCTCGTGTAGACGAGCTAAGGAAAAGGTTGAACTAGGAGCTGGGAAATGAGAATCCATAGTCCT
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GAGCTCCTGCAGCACCTTCTCAGGGAGAGAGAGGGCCAGTTCGAGATGAGATGGAAAATGCAGATTTAG
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 CTGGAGCAGAAGCAGGAGAACAGCTGCATGCAAAAGGAAATGGCTACAATTGAGCTGGTGGCCAGGACA
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 ACAGGTAGCAAACAGAAAGACTTGGAGAGGAGGCAGATGGAGGTGAGTACGCAATGAGGACGCTGAAG
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 TACCACAAAAGAGAGGATTTTGAAGAAAAATCCAACCTTCCCAAGTTCACATCATGGATGAACACTGG
 CGTGGAGAAGCACTCCGTCAAAGGCTGCGCCGCATGAAGATCAACTCAAGGCTCAACTTCGACACTGTA

TGTCTAAGCAAGCAGAAGTATTGATCAAAGGAAAGCAGCAGACAGAGGGCACCTACACAGTCTGAGGAG
ACAAGTTGATGCTTTAGGAGAACTGGTCACTAGTACCTCCACAGACTCAGCATCATCACCCAGTCTGCCT
TCCCTTGTGGAGGACTCCAGCATGGGCATAGTCAGAGCTCCTTCCAAGTTCTGCAAGTTCCATTAGAAG
AACCAACAGTTACCGCCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_030000
Insert Size:	5343 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:	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:	<u>NM_030000.2, NP_084276.2</u>
RefSeq Size:	5970 bp
RefSeq ORF:	5343 bp
Locus ID:	26920
Cytogenetics:	2 B
Gene Summary:	Involved in cell cycle progression and cytokinesis. During the late steps of cytokinesis, anchors exocyst and SNARE complexes at the midbody, thereby allowing secretory vesicle-mediated abscission (By similarity).[UniProtKB/Swiss-Prot Function]