

Product datasheet for **MR202406**

Rpl10a (BC083346) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl10a (BC083346) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl10a
Synonyms: CsA-19; Nedd6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR202406 representing BC083346
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGCAAAGTCTCACGCGACACCCTGTACGAGGCGGTGCGGGAAGTCTGCACGGGAACCAGCGCA
AGCGCCGCAAGTTTCTGGAGACGGTGGAGCTGCAGATCAGCCTGAAGAACTACGACCCTCAGAAGGACAA
ACGTTTCTCGGGCACCGTCAGGCTCAAGTCCACCCACGCCCAAGTTCTCGGTGTGCGTTCTGGGGGAC
CAGCAGCACTGTGATGAAGCCAAGGCCGTGGATATCCCCACATGGACATCGAGGCGCTCAAGAAGCTTA
ACAAAAACAAGAAGTTGGTCAAGAAGCTGGCTAAGAAGTACGATGCCTTTTTGGCCTCTGAGTCTCTGAT
TAAGCAGATCCCACGTATCCTGGGCCAGGCCTAAACAAGGCTGGCAAGTCCCCTCCCTGCTGACACAC
AATGAAAACATGGTGGCCAAAGTGGATGAGGTGAAATCGACAATCAAGTCCAGATGAAGAAGGTGCTGT
GTTTGGCCGTCGCTGTTGGCCACGTGAAGATGACCGATGATGAGCTAGTCTACAACATTCATCTGGCTGT
CAATTTCTGGTGCCTTGCTTAAGAAAACTGGCAAAACGTGCGGGCTCTGTACATCAAGAGCACCATG
GGCAAGCCCCAGCGTCTGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202406 representing BC083346
 Red=Cloning site Green=Tags(s)

MSSKVSRTL YEAVREVLHGNQRKRKRFLETVELQISLKNYDPQKDKRFSGTVRLKSTPRPKFSVCVLGD
 QQHCDEAKAVDIPHMDIEALKKLNKKNKLVKKLAKKYDAFLASESLIKQIPRILGPGLNKAGKFPSSLTH
 NENMVAKYDEVKSTIKFQMKKVLCLAVAVGHVMTDDELVYNIHLAVNFLVSLKKNWQNVRALYIKSTM
 GKPQRLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

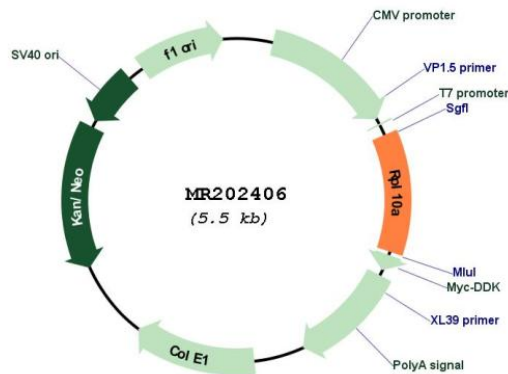
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: BC083346

ORF Size: 651 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:	BC083346.1
RefSeq Size:	733 bp
RefSeq ORF:	653 bp
Locus ID:	19896
Cytogenetics:	17 A3.3
MW:	26.8 kDa