

Product datasheet for **MR200589**

BC024416 Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: BC024416 Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR200589 representing BC024416
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCGGACAGATCTCCGTGTCCGAATTCGTGGCCGAGACCCATGAGGGCTACAAGGCCCCACGGCCT
 TTAGCTTCATCACGCGCACGGCCAGTGCCGGAATACCGTGGCGGCCATCGAGGAGGATGCAGTGACTTA
 TGATGATGTGCATGTGAACCTCACTGGGAAGAGTGGAATTTGCTGGATCCTCCAGAAGAGTCTCTAC
 AAAGATGTGATGTGGAGACCTACTGGAACCTCACGGTTATAGGCTACACTTGGGAAACCATCATATTG
 AAGGACATTGTCAAAGTTCGAGAAGAAATGAAAGGTGTTGCAGGAGCTTTGGATTGCTGACAGCTGTCTC
 CCACTTGAAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200589 representing BC024416
 Red=Cloning site Green=Tags(s)

MPDQISVSEFVAETHEGYKAPTAFSFIITRTAQCRNTVAAIEEDAVTYDDVHVNFTEEWNLDPQSLSLY
 KDVMLETYWNLTVIGYTETHHIEGHCQSSRRNERCCRSFGLLTAVSHLKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

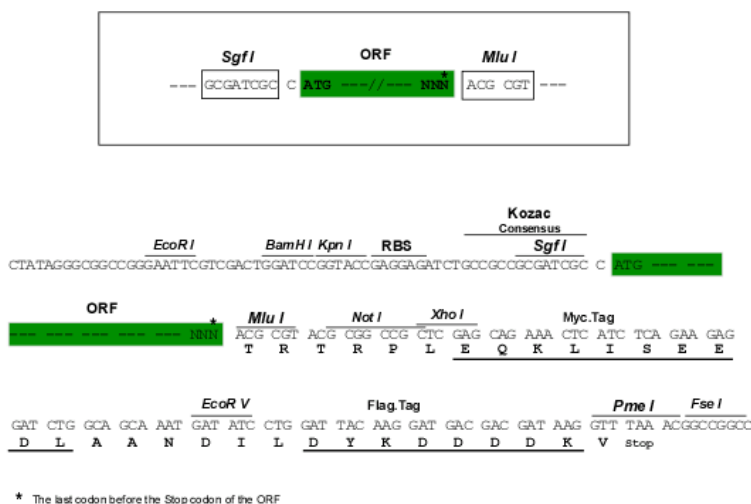
Restriction Sites: SgfI-MluI



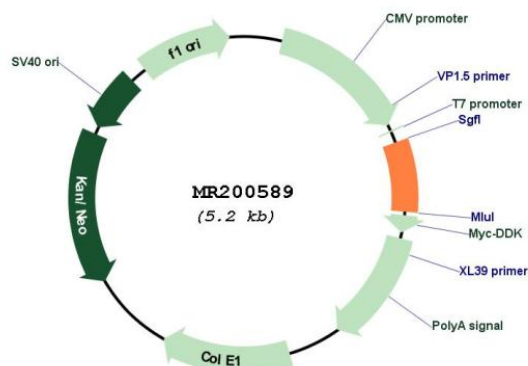
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Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: BC024416

ORF Size: 363 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:	<u>BC024416</u>
RefSeq Size:	1246 bp
RefSeq ORF:	365 bp
MW:	45.7 kDa