

Product datasheet for **MR202162**

ENSMUSG00000068790 (BC093494) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	ENSMUSG00000068790
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR202162 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTTCTGGCTGCTCAGGCTATTTAGAAAAGAGAATGGCGATGAAGGAGAGACAAGACCAAAAAGA
AGGAAGAGGGAATCCTTTCTCATGAAAAAGGAAGAAGGAAATCATTCTGGAGAAGGCACAGGTCTGCTAG
AAATACTTCAACCCAAAATTCAAAATGACTAAGAAGAGATCAAAAATAAATGAACTAGAAGAACTGAAA
TTGGATATGAGGAAGATCAGCAATGACATGGAGGAAATGTGTGGAATCCTGAACCTTTACATGTATGAGG
ATTTGAACTACAGGATGAACACTGAATTCAACATCATTAAATCACAACTGAGAAGACAATGTTGGATAT
GAATAAAATGATCCAGTCCATAATTGGTTCATGCAGTACTCCAAGGAAGTATAGAAGATAACTATTCC
TACAGCATTAAAGGAGGACCACCTCCCTGAGTGCAGTCAACTCAACGAAAACGTAAGGATATTACTGA
ATGAGAACAGAAGGCTGCTGGTGGAGCAGGCTGGCCATAAGTGTCTGTGGGAAGAAAAGAGGTTCTCT
GAGGAGGCCAGCAAGAACATCTGTGTCCCAAGTGCCAAGGAACAGCAGTGTGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA

Protein Sequence: >MR202162 protein sequence
Red=Cloning site Green=Tags(s)

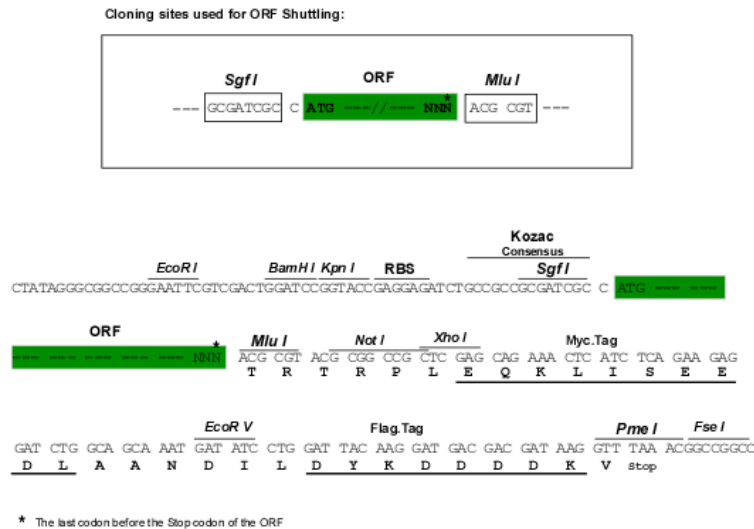
MFSWLLRLFQKENGDEGETRPPKKKEEGILSHEKGRKSFWRHRHSARNTSTQNSKMTKKRSKINELEELK
LDMRKISNDMEEMCGILNL MYEDLN YRMNTEFNI IKSQHEKTM LDMNKMIQSIIGSMQYSKELIEDNYS
YSIKEDHLLRECTQLNENVRILLNENRLLVEQAGHKCPVGKKRGLRRPARTSVSQVPRNSSVI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: BC093494

ORF Size: 615 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:

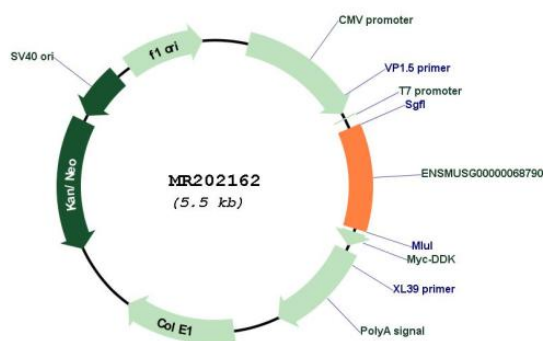
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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: [BC093494](#), [AAH93494](#)

RefSeq Size: 1859 bp
 RefSeq ORF: 617 bp
 Locus ID: 545007
 Cytogenetics: 14
 MW: 24.4 kDa

Product images:



Circular map for MR202162