

Product datasheet for MR200717

6230409E13Rik (BC059864) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 6230409E13Rik (BC059864) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 6230409E13Rik
Synonyms: 6230409E13Rik; AW742931
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200717 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGGACCCAAGCTTTCCACTCTTGATGCCACTGTCTTTGGACACTTGGCACAGGCGATGTGGACCTTAC
 CAGGGACAAGACCGGAGCGGCTAATCAAAGGCGAGCTGATCAACCTGGCCATGTACTGCGAGAGGATCAG
 GAGGAAATCTGGCCCGAGTGGCACCACGATGATGACAACACCATTTATGAGTCTGAGGAGAGCAGCGAG
 GGCAGCAAGACTCACACCCCATGCTGGATTTTAGCTTTTACTCCAGGACAGAGACCTTTGAGGACGAGG
 GGGCTGAGAACAGTTTCTCCAGGACCCAGACACGGATTTACCCGGACACTCTCTTTGACTCCGATGT
 GGAGATGGATGACTACACAGACCACGAACAGTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

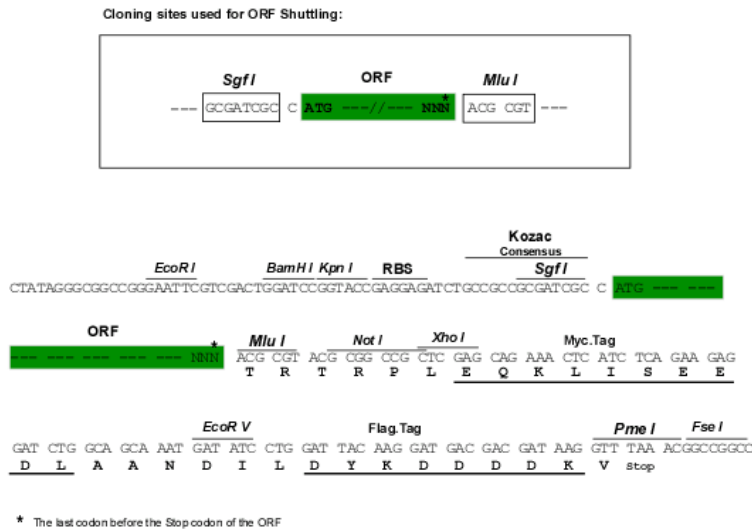
Protein Sequence: >MR200717 protein sequence
 Red=Cloning site Green=Tags(s)
 MGPKLSTLDATVFGHLAQAMWTLPGTRPERLIKGELINLAMYCERIRRFWPEWHHDDNTIYESEESSE
 GSKTHTPLMDFSFYSRTEFDEGAENFSRTPDPTDFTGHSLFSDVEMDDYTDHEQCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: BC059864

ORF Size: 387 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.

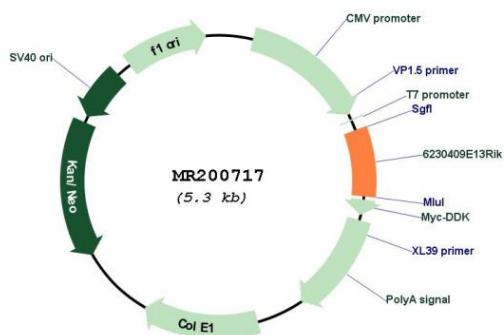
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC059864](#), [AAH59864](#)

RefSeq Size: 4035 bp

RefSeq ORF: 389 bp
 Locus ID: 76132
 Cytogenetics: 4 A3
 MW: 15 kDa
 Gene Summary: May play a role in axonal development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200717