

Product datasheet for MR227947

3830406C13Rik (NM_001284387) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 3830406C13Rik (NM_001284387) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 3830406C13Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR227947 representing NM_001284387
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTACTTCAGAAAATGAAAAACAAATTTGGAGATGAAAACACAGAAAGGGCATCTCTCCTCCAAGCCA
 CTGAGACTGCTTCTAGAAGAAACCTCCGACTCTGAAGGACATAGATGCTGCAGAGGAGGCTTTTCAGAC
 CAAGCTTATCCCACACCCACAGCCTTCGATGCTTCTCTTGAGACTCGTTACTGGGCATCAGTAGAAGAA
 CATATCCCAAGTGGAACTGTTTCTTTTAGGAAGAGCACCATATCCAATTGGTGCAGAAAATCAAATG
 AGCAGCAACGTCAGTTTGAGAGCCCTCTGAAAGTCTCAGGTTAGATCCTTGACAGTCATAGACTTGCC
 AAGAAAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227947 representing NM_001284387
 Red=Cloning site Green=Tags(s)

MLLQKMKNFQDENTERASLLQATETASRRNRLLLKDIDAAEEAFQTKLIPHPQPSMLSLETRYWASVEE
 HIPKWELFLLGRAPYPIGAENQNEQQRQFESPLKGLRLDPCTVIDLPRKV

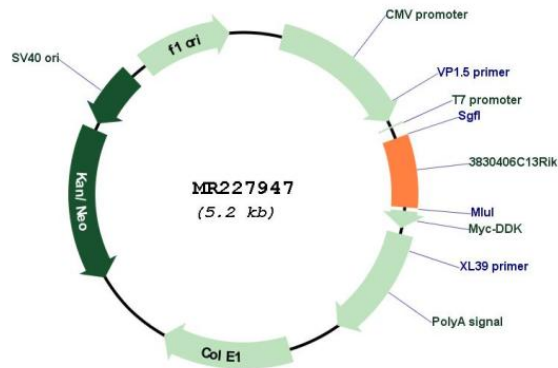
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001284387

ORF Size: 360 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](#)

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|-------------------------------|---|
| 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>NM_001284387.1</u> , <u>NP_001271316.1</u> |
| RefSeq Size: | 2103 bp |
| RefSeq ORF: | 363 bp |
| Locus ID: | 218734 |
| UniProt ID: | <u>Q8BGD0</u> |
| Cytogenetics: | 14 A1 |
| MW: | 14.3 kDa |