

Product datasheet for MR201026

Mrpl27 (NM_053161) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl27 (NM_053161) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mrpl27
Synonyms: A630055F16Rik; D11Moh47; D18Ertd643e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201026 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGCGGGCGCTTACGCTGAGGACGCGGGCAGCAGTGACAGCCCTGCTGAGCCCCACAGCACCCA
 CAGCACTCGCTGTCAGACATGCATCCAAGAAGACAGGTGGCAGCTCTAAGAACCTTGGTGGGAAATCACG
 AGGCAAACACTACGGCATCAAGAAAATGGAAGGTCCTACGTTCCAGCTGGCAACATCCTTGGCACTCAG
 CGTCAGTTTAGATGGCACCCGGGAGCCCATGTGGGGCTTGGGAGGAACAAGTGCCTGTATGCCCTGGAGG
 AGGGGATAGTCCGCTACACGAAAGATGTCTACGTGCCAATCCCAAAAACACGGAGGCTGTGGATCTGGT
 CACTAGTCTGCCAAGGGTGTGTGCTCTACAAGACTTTTGTCCACGTGGTTCTGCCAAACCTGAGGGA
 ACCTTCAAACCTAGTGGACATGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201026 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAALTRRAAVTALLSPTAPTALAVRHASKKTGGSSKNLGGKSRGKHYGIKKMEGHYVHAGNILGTQ
 RQFRWHPGAHVGLGRNKCLYALEEGIVRYTKDYYVNPKNTEAVDLVTSPLPKGAVLYKTFVHVPAKPEG
 TFKLVDML

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_053161

ORF Size: 447 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.

RefSeq: [NM_053161.2](#), [NP_444391.1](#)

RefSeq Size: 828 bp

RefSeq ORF: 447 bp

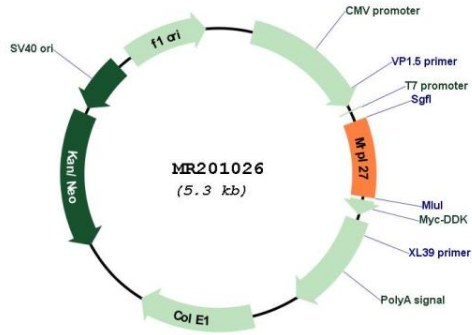
Locus ID: 94064

UniProt ID: [Q99N92](#)

Cytogenetics: 11 58.9 cM

MW: 15.9 kDa

Product images:



Circular map for MR201026