

Product datasheet for **MR220558**

Rpl22 (NM_009079) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rpl22 (NM_009079) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Rpl22

Synonyms: 2700038K18Rik

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR220558 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGCCTGTGAAAAAGCTTGTGGCGAAGGGGGGCAAAAAAGAAGCAGGTTTGAAGTTCACCCTGG
ACTGCACTCACCTGTAGAAGATGGAATCATGGATGCTGCCAATTTGAGCAGTTCCTCCAGGAGAGAAT
CAAGGTGAATGGGAAAGCTGGCAACCTCGGCGGAGGAGTCGTGACCATCGAACGCAGCAAGAGCAAGATC
ACTGTCACTTCAGAGGTGCCTTTCTCCAAAGGTATTTGAAATATCTACCAAAAAATATTTGAAGAAGA
ACAACCTCCGAGACTGGCTGCGTGTTCGCCAACAGCAAAGAGAGTTACGAGCTGCGTTACTTCCAGAT
TAACCAGGATGAAGAGGAGGAGGAAGACGAGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR220558 protein sequence
Red=Cloning site Green=Tags(s)

MAPVKKLVAKGKKKKQVLKFTLDCTHPVEDGIMDAANFEQFLQERIKVNGKAGNLGGGVVTIERSKSKI
TVTSEVPFSKRYLKYLTKYLKKNLRLDWLRVANSKESYELRYFQINQDEEEEEDED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_009079

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.

RefSeq: [NM_009079.3](#), [NP_033105.1](#)

RefSeq Size: 2203 bp

RefSeq ORF: 387 bp

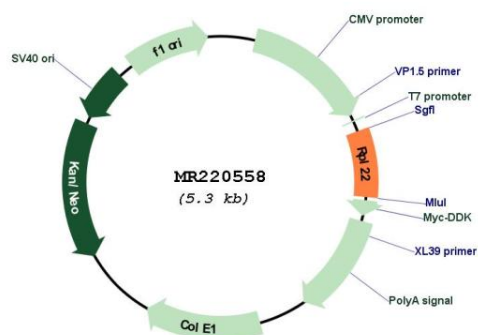
Locus ID: 19934

UniProt ID: P67984

Cytogenetics: 4 E2

MW: 14.8 kDa

Product images:



Circular map for MR220558