

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
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR220558 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

**ATGGCGCCTGTGAAAAAGCTTGTGGCGAAGGGGGGCAAAAAAGAAGCAGGTTTTGAAGTTCACCCTGG
ACTGCACTCACCTGTAGAAGATGGAATCATGGATGCTGCCAATTTTGGCAGTTCCTCCAGGAGAGAAT
CAAGGTGAATGGGAAAGCTGGCAACCTCGGCGGAGGAGTCGTGACCATCGAACGCAGCAAGAGCAAGATC
ACTGTCACCTCAGAGGTGCCTTTCTCCAAAAGGTATTTGAAATATCTCACCAAAAAATATTTGAAGAAGA
ACAACCTCCGAGACTGGCTGCGTGTTCGCAACAGCAAGAGAGATTACGAGCTGCGTTACTTCCAGAT
TAACCAGGATGAAGAGGAGGAGGAAGACGAGGAT**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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

MAPVKKLVAKGGKKKQVLKFTLDCTHPVEDGIMDAANFEQFLQERIKVNGKAGNLGGGVVTIERSKSKI
TVTSEVPFSKRYLKYLTKKYLKKNLRLDWLRVVANSKESYELRYFQINQDEEEEEDED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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_009079.3</u> , <u>NP_033105.1</u>
RefSeq Size:	2203 bp
RefSeq ORF:	387 bp
Locus ID:	19934
UniProt ID:	<u>P67984</u>
Cytogenetics:	4 E2
MW:	14.8 kDa