

Product datasheet for **MG224326**

Rps10 (NM_025963) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps10 (NM_025963) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Rps10
Synonyms: 2210402A09Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224326 representing NM_025963
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGATGCCTAAGAAGAATCGGATTGCCATCTACGAACTCCTTTTTAAGGAGGGCGTGATGGTCGCCA
 AAAAGGATGTCCACATGCCTAAGCACCCGGAGCTGGCAGACAAAATGTGCCAACCTTCATGTAATGAA
 GGCCATGCAGTCTCTCAAGTCTCGAGGCTACGTGAAGGAACAGTTTGCTTGGAGACATTTCTACTGGTAC
 CTTACGAACGAGGGCATCCAGTATCTCCGAGACTACCTGCACCTACCCCGGAGATCGTGCCCGCCACCC
 TGGCTCGCAGCCGTCCTCCGAGACCGCAGGCCTCGGCCAAAGGTCCAGAGGGTGAGCGACCTGCAAGATT
 CACAAGAGGGGAGGCTGACAGAGACACCTACAGAAGGAGCGCTGTGCCCCCTGGAGCTGACAAGAAAGCT
 GAGGCTGGGGCTGGCTCAGCCACTGAGTTCAGTTTAGAGGGCGGCTTTGGTCGTGGACGTGGTCAGCCAC
 CTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG224326 representing NM_025963
 Red=Cloning site Green=Tags(s)

MLMPKKNRIAIYELLFKEGVMVAKKDVHMPKHPELADKNVPNLHVMKAMQSLKSRGVYKEQFAWRHFYWY
 LTNEGIQYLRDYLHLPPEIVPATLRRSRPETGRPRPKGPEGERPARFTRGEADRDYRRSAVPPGADKKA
 EAGAGSATEFQFRGGFGRGRGQPPQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_025963.4</u>
RefSeq Size:	573 bp
RefSeq ORF:	498 bp
Locus ID:	67097
UniProt ID:	<u>P63325</u>
Cytogenetics:	17 A3.3
Gene Summary:	Component of the 40S ribosomal subunit.[UniProtKB/Swiss-Prot Function]