

Product datasheet for **MG202686**

Mrps35 (NM_145573) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: Mrps35
Synonyms: MDSO23; MRP-S28; MRPS28
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG202686 representing NM_145573
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGAAGGAAGGGAATCTAGAGCTTTTAAAGATCCCAAATTTCTGCATTTGACTCCTGTGGCAATTA
AAAGGCACTGTGCAGCGCTGAAAGATTTCTGCACTGAGTGGCCAGCTGCACTCGACAGTGATGAGAAATG
TGAGGAGCATTTTCCAGTTGAGATTGATACAGCGGATTATGTGTCATCGGGACCATCTATTCGAAACCC
AAAGCCCGAGCCGTAACGTTAAGGGTTAACTTTCCAGTTTGAATTTAGACAATCATGCCAAGAAAAAAC
TCATTAAGCTTGTAGGAGAGCGGACTGCAAGGCCACCGATGTGCTCACTATCACCACAGACAGATGCC
TTTGAAGCGGCAGAACTATGACTATGCACTGTATCTTCTCACGGTCTGTACCACGAATCTTGAAAACT
GAAGACTGGGAAAACAGTAAGACCGAGGAAGACATGGACGAGTATGTGTGGCAAGAGCTCCTCGGAGA
ACAGTGTCTTTCAGACCTGCTGCAGATGAGAGCTGCGGAGAGCAGTGTGGCGCCGAGCAGAGAAGAGCT
GCTGGGACCAAAGAGGTGCGAGGATTATCAGAAGTGTGTCGTTCTCAAGAACGAGGGGGAGAACGAG
GCAAGCCTCGCTCAGTACAAGGAGTCTGTGAAGAGACTGTTAAATTTGGCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG202686 representing NM_145573
Red=Cloning site Green=Tags(s)

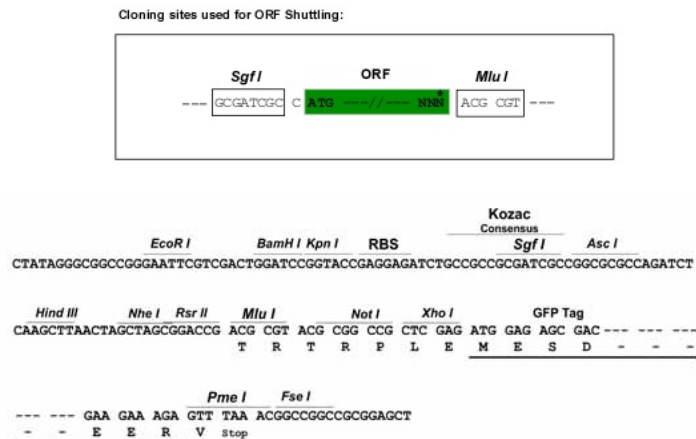
MAKEGNLELLKIPNHLTPVAIKRHAALKDFCTEWPAAALDSDEKCEEHPVEIDTADYVSSGSPSIRNP
KARAVTLRVKLSLNLNHNHAKKLIKLVGERYCKATDVLITITDRCPKQRQNYDYAVYLLTVLYHESWKT
EDWENSKTEEDMDEYVWAKSSSENSVLQTLQMRAAESSVAPSREELLGTKEVEDYQKCVVRLKNEGENE
ASLAQYKESVKRLLNLA

TRTRPLE - GFP Tag - V



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145573

ORF Size: 681 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:

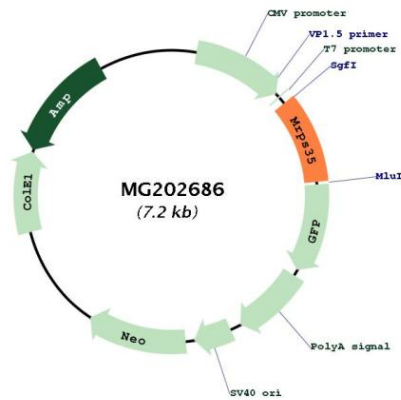
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_145573.1](#), [NP_663548.1](#)

RefSeq Size: 1057 bp
 RefSeq ORF: 963 bp
 Locus ID: 232536
 UniProt ID: [Q8BJZ4](#)
 Cytogenetics: 6 G3

Product images:



Circular map for MG202686