

## Product datasheet for **MG200977**

### Mrpl23 (NM\_011288) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrpl23 (NM\_011288) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Mrpl23  
**Synonyms:** L23mrp; Rpl23; Rpl23l  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG200977 representing NM\_011288  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCGGAATGTGTTGTACCCCTTTACCAACTGGGTGGCCCCAGCTCCGTGTATTTGAACTAACT  
TCTTCATTCAGCTGGTGCAGCTGGTACTGCACAGCCTGAAGATACCGTGCAGTTCGGATCCCCATGGA  
GATGACCAGGGTGGACCTTCGGAATTACCTTGAGCAGATTTACAATGTTCCCGTGGCTGCCGTGCGCACA  
CGGGTGCAGCATGGCTCCAACAGGAGGAGGATCACAAGAATGTGAGGATCAAGAAACCAGACTACAAG  
TGGCCTACGTGCAGCTGGCCATGGCAGACCTTCACTTTCCAGATCTTTTCCAGAGAAGGACCCCG  
TTCTCCAGAACCTCTGGAAGAGGAGCTACCCAGCAGAGGCAAAGCAGCGACCCGAGGTGCCCTGGTATC  
CCTTCCTGGTTTGGCCTA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG200977 representing NM\_011288  
Red=Cloning site Green=Tags(s)

MARNVLYPLYQLGGPQLRVFRTNFFIQLVRPGTAQPEDTVQFRIPMEMTRVDLRNYLEQIYNVPVAVRT  
RVQHGSNRRRDHKNVRIKKPDYKVAYVQLAHGQTFTFPDLFPEKDPSPPELEEELPQQRQSSDPRCPGI  
PSWFGL

**TR**TRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_011288.1</a></u> , <u><a href="#">NP_035418.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 582 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>            | 441 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>              | 19935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>            | <u><a href="#">O35972</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>          | 7 87.95 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |