

## Product datasheet for MC210018

### Grasp (NM\_019518) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Grasp (NM\_019518) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Grasp  
**Synonyms:** tamalin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210018 representing NM\_019518  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCCTCCGCCGACTCAGGAAGCTGCAGCAGAAGGAGGAGGCCGACTGCCGCGCCGGACCCCGCTGGCC  
 GGGCTCCCGACTCCGAAGCCGCTCGCGCCGCCCGCTACCCTCCGGCCCTCCGGTCCGCCGCTCCGCC  
 CGGAGCCCCGGGAGGAGCTGTACGCAGCACTGGAGACTATCACCTGCCGAGCTGTACCGCGCGCTC  
 GCCGTGTCCGGGGTACCCTGCCTCGCCGAAAGGGCTCAGGATCCGTTGGAAGAATTTCACTCAGAGTC  
 CTGAACAGCAACGGAAGTTCTAACTTTGGAGAAAGGGACAACCAAGACCTTTGGCTTCGAGATCCAGAC  
 ATATGGCCTTACCACCGAGAGGAGCAGCGTGTAGAGATGGTGACCTTCGTCTGCCGAGTTCATGAATCC  
 AGCCCTGCCAGCTGGCTGGGCTCACGCCAGGGGACACTATTGCCAGCGTCAACGGTCTCAACGTGGAAG  
 GCATCCGGCACCAGGAGATTGTCGATATCATCAAGGCGTCTGGCAACGTTCTCAGGCTGGAAGCTGTGA  
 CGGGACGTCCATTCGGAAGGCAGAACTGGAGGCGCGCTGCAGTACCTTAAGCAAACCTGTACGAGAAG  
 TGGGAGAATACAGGTCATTTATGGTACAGGAGCAGCGGCTAGTACATGGCTGGTGGTGAAGACCCAA  
 GCATCTATGACACACTGGAGTCCGTGCGCTCTGCCTCTACGGCGCAGGTTGCTTCCCGGTTCGCTGCC  
 CTTTGGGCTCTGCTCGCCGCGCTGGAGTGCCCGGGGGTGCAGCGCGGGCCAAAGGGGACACAGAC  
 GACGCCGTGTACCACACGTGCTTCTTTGGGGCGCCGAGCCGAGGCACTGCCACCCCGCCACCCCGG  
 CGCGCGGTTAGGCCGAGCTCCGCGGAGACCCCGCGTCCGTGCTGTTTCCCGCACCTCGCTCCACGCT  
 CAGCCGACGCGCAGTGTGCGGTGCGGGGCCGGCGGGGGCGCGCGGGGCGCACTCTGGACT  
 GAGGCCCGCAGCAGGCCCTGTGTGGCGCGGCCACGCAAGACCAAGTACCGCAGCTTCCCGAGACGGC  
 TGCTCAAGTTCATCCCCGACTCAACCGCTCCCTGGAGGAAGAGGAGAGCCAGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_019518
<b>Insert Size:</b>	1179 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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_019518.3</a></u> , <u><a href="#">NP_062391.3</a></u>
<b>RefSeq Size:</b>	2025 bp
<b>RefSeq ORF:</b>	1179 bp
<b>Locus ID:</b>	56149
<b>UniProt ID:</b>	<u><a href="#">Q9JJA9</a></u>
<b>Cytogenetics:</b>	15 F1
<b>Gene Summary:</b>	Plays a role in intracellular trafficking and contributes to the macromolecular organization of group 1 metabotropic glutamate receptors (mGluRs) at synapses.[UniProtKB/Swiss-Prot Function]