

## Product datasheet for **MC203540**

### **Glt8d2 (NM\_029102) Mouse Untagged Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Glt8d2 (NM_029102) Mouse Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Glt8d2                                  |
| Synonyms:                 | 1110021D20Rik                           |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >BC082561  
 AGTGGTCCCGCAGGCCAGCCGAGTTTGAATGCTCAGCTCTGCAGCGGTTCTGGACCAAGTTGCCCAA  
 GCCTACCTCAGATCCATCAGGTCTTTTACCCAGGTGGATGCACATGGCTTTTCTACGGAAAGTCAAT  
 CAAGTGTGCTGCTTCTTCTGGTCTGACACTCTGTGGGATTCTGTACAAGAAAGTTCATAAGGGAGCCG  
 TGCTTAAGGACAAAGCAGACGTTGATCCGAGTCCCCGAGGACATGGAAGAAGAGATCCAGTGGTGAT  
 CTGTGCAGCAGCAGGGAGAATGGGTGCAGCCATGGCAGCCATCAACAGCATTTACAGCAACACCGATGCT  
 AACCTTGTGTTCTACGTAGTGGGCTACGGAGCACTCTGCCTCGAATACGAAAATGGATCGAACATTCTA  
 AACTGAGAGAAAATAAATTCAAAATTGTGGAGTTCAATCCTACAGTCTCAAGGGGAAGATTAGACCAGA  
 CTCATCGAGGCCTGAGCTGCTCCAGCCCCTGAACCTTGTTCGGTTTTATCTCCCTCTGCTGTCCACCAG  
 CATGAGAAAGTCATCTATTTGGATGATGATGTTATCGTACAAGGCGATATCCAGGAGCTGTATGACACCA  
 CCTTGGCTCTGGGCCATGCAGCGGCTTTTTCAGACGACTGTGACTTACCCTCTGCTCAAGACATCCACCG  
 ACTTGTGGGACTACAGAACACATACATGGGCTATCTGGACTACCGGAAGAAGACCATAAAGGACCTTGGC  
 ATCAGCCCCAGCACCTGCTCATTCAATCCTGGTGTGATTGTTGCCAATGACTGAATGGAACACCAGC  
 GCATCACCAACAGCTGGAAGTGGATGCAGAAGAATGTGGAAGAAAACCTCTACAGCAGCTCCCTGGG  
 AGGAGGAGTGGCACTTCTCCCATGCTGATTGTGTTTACGGGAAGTATCCACCATCAACCCACTGTGG  
 CACATACGGCACCTCGGCTGGAACCTGATGCAAGATATTCGGAGCACTTCTGCAGGAAGCTAAACTAC  
 TCCACTGGAATGGAAGACATAAACCTGGGACTTTCCTAGTGTTCACAATGACTTATGGGAAAGCTGGTT  
 TGTTCTGACCCTGCAGGGATCTTTAACTGCATCACAATAGATGAAACACTCCAACAGTTAAATACAC  
 CCTGGATAAAATGGAACGGGCCCTCTGTATCTTCTAACACTGTTCTTTAAGAGCAACTCTTCTGATATA  
 TATGACCTATGGTGTAAGAGACAAATACTACTGTGTACAAGTTGAACCAAGGCCACACAGATAGACTTA  
 ACTTCTTGAAGTTCAAACGATTGCCATGAGCAGCCCTACTCATTCTTTTCTTTTGGTGTGTTGAGACAG  
 GGTCTCGCTATGTACCCCAAGTCTCAACCTGAATGACAACTATATCTGAAAATTTTCAAATCTCTATTT  
 TCTCAGTTAGATATTTTGGGAGCAGTTCTTTTGTGTTTACTTCTAAGATGGGATCTCCCTGGCTGGAGAGA  
 GTGTTGGCTGTTCTTCCAGAGGACCCAGCTTTGATTCCCAAGAACCCACATGGCAGTTCCAGGGGCTCTGA  
 CATTCTCTTCTGGCCTTACAGGCACTGGGTACACATGTGATGCACATATGGAAGGCAAAATATCCATAC  
 ATGTTTTCAAAATAATAGAAACAAGTTAGCCGGGTGGTGGCGGCACATACCTTTAATCTCAGCACTCAGG  
 AGGCAGAAAGAGTTTAACTGTGAGTTCGAGGCCAGCCTGGTCTATACAGTGAGTTTCAGGACAGCCAAG  
 GCTACGGAGAGAAACGCTGCCTCAAAAACAAACAAACAAACAGGGTCTTCTCTATATCCCTGGAT  
 AAATTGGAACACAACTTCAAACTCACAAGATCCTCATGTCTTGCCTCCTAAGTACTGGAAGTGAAG  
 GCCTGGGCCACCACATCTGGCTGCAGGGTTTTCTTTCTTAAAAACAGTTGCTAGTCTTGTCTTTTACAA  
 AATTATAAATTAATAAATGTAGAATCTGTAAAAATAAATATTCAAGCTTTAAAAAAAAAAAAAAAAAAAA AAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_029102

**Insert Size:** 1050 bp

**OTI Disclaimer:** 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).

**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:** [BC082561](#), [AAH82561](#)

**RefSeq Size:** 2104 bp

**RefSeq ORF:** 1050 bp

**Locus ID:** 74782

**UniProt ID:** [Q640P4](#)

**Cytogenetics:** 10 C1