

## Product datasheet for MC205121

### Fsd1 (NM\_183178) Mouse Untagged Clone

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Fsd1 (NM_183178) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Fsd1                                  |
| Synonyms:                 | MGC58341                              |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |

**Fully Sequenced ORF:** >BC055106  
 GCGGCGGCGGAGGCGGCGAGGGCACGGAAGGCTAGTTGGCTGCTGTCTGCGTCCAAGGAACCTTAAGGGT  
 TTGGAGAACCAGCTGAAGGGGACCCGCGCCAGGCCAAGGCAACAGGGGGCTGCAACTATGGAAGACCAG  
 AGGGAGGCGCTAAGAAAAATCATCACTACCTGGCCATGAAGAATGAGGAGACGCAGACCTTCATCTACT  
 CCCTGAAGCAGATGTTGCTGAATGTAGAGGCAAACCTCAGCCAAAGTCCAGGAGGATCTGGAAGCCGAGTT  
 CCAGTCCCTCACGTGCGTTCTGGAGGAGCTGAAAGAGTCCATGCTGATGAAGATCAAACAGGACAGGGCC  
 AGCCGCACCTACGAGCTGCAGAACCAGCTAGCTGCCTGCACACGAGCCCTGGAGAGCTCCGAGGAGCTCC  
 TGGAAACAGCCAACCAGACCCTGCAGGCTTCAGACAGCGAGGACTTCAGTCAGGCCGCCAAGGAAATCAA  
 AGATGGCATAACTATGGCCCTGCCTCCGACTATCGCTCAAAGCCAAGGTGAGCGACAATATGAGTCAC  
 CTCATGGTGGACTTCGCCCAGGAAAGGCAGATGCTACAGGCCCTCAAGTTCCTACCTGTGCCCAGCGCCC  
 CCACCATCGACTTGGCAGAGTCCCTCGTGTGAGATAACTGTGTGACGCTGGTATGGCACATGCCAGATGA  
 GGACAGCAAGATCGACCACTATGTGCTGGAGTACCGCAAGACCAATTCGAGGGCCACCCCGCCTCAAG  
 GAGGACCAACCCCTGGATGGTGTGCGAGGCGATCCGGCAGACCCGAGCACACCTTGACAGGTCTCAAATTTG  
 ACATGAAATACATGAACATTCGTGTGAAAGCCTGTAACAAGGCGGTGGTGGTGAATTCCTCGAGCCGGT  
 GACCTTAGAGACACCAGCATTATGTTCCGCTGGACGGGTCCACATCTCACCAGAACCTGCGAGTGGAA  
 GATCTCTCTGCCGAGTGGGACGCCATGGGCGGGAAGTCCAAGATATCAAGGCTCGAGAGAAAGAGGGCA  
 AGGGACGGACCGCATCCCTGTAACTCTCCAGCCAGAGGGACTCCATCTCCCAAGAGGATGTCTCAGG  
 TCGTGGGGGCCGGGACCGGTTACAGCTGAGTCTTACACGGTGTGGGGACACACTGATTGATGGTGGC  
 GAGCACTACTGGGAGGTGCGCTTCAAGCAGACAGCAAGGCCCTTGGCTTGGGTGTGGCCTACCGCAGCC  
 TGGGCCGATTTCGAGCAGCTGGGCAAGACGGCTGCATCATGGTGCCTGCATGCCAACAACCTGGCTGCAGGC  
 CAGCTTACCCGCCAAGCACGCCAACAAGGTCAAAGTGTGGACAGCCCTGTGCCTGACTGCCTGGGTGTG  
 CACTGCGACTTCCACCAAGGCCTCCTATCTTTCTACAATGCCCGCACAAACAGCTCCTGCACACCTTCA  
 AGGCCAAGTTCACGCAGCCTCTGCTTCCAGCCTTACCCTATGGTGTGGAAGCTTCCAGGTGACAACAGG  
 CCTGCAGGTGCCAGTCCGCTGCGCTGCCTGCAGAAGCGGGCAGTGCCACTAGCAGTTCCAATACCAGC  
 CTCACCTAGGCCAGGCCATCTACCAGTGGGTGCTTCAGCCAGCTTCTTTCTGCTGCTTGGAGCC  
 TTAACCTGGAAGGGAGGTCAGGGTCCCTCCCACCTCACTCTATAATAAAGATAAAACACTGGGCAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sfil-Sfil   |
| <b>ACCN:</b>                  | NM_183178   |
| <b>Insert Size:</b>           | 1491 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>                | <a href="#">BC055106</a> , <a href="#">AAH55106</a>   |
| <b>RefSeq Size:</b>           | 1778 bp   |
| <b>RefSeq ORF:</b>            | 1491 bp   |
| <b>Locus ID:</b>              | 240121  |
| <b>UniProt ID:</b>            | <a href="#">Q7TPM6</a>  |
| <b>Cytogenetics:</b>          | 17 D  |
| <b>Gene Summary:</b>          | May be involved in microtubule organization and stabilization.[UniProtKB/Swiss-Prot Function]   |