

## Product datasheet for **MC221052**

### **Fsd2 (NM\_172904) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fsd2 (NM_172904) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fsd2
Synonyms:	9830160G03Rik; Spryd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221052 representing NM\_172904  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGAGGAAGCAGAGAGGAATCCGGGCTGGGCAGGTCGGCAGCCCCAAAGACTTCCACTTTTATC  
 ACATGGACCTGTATGACTCTGAAGATAGACTGCAGCTCTCCAGGAGACAGCAGCAGAATCAGGAGGGA  
 AGTAACCCAAGCCGAAGATGACCGTGAATTAGGGGATGAATTTGTGGATGAACACAGACTGGGGACTCTG  
 GGGTATCCTTCTACGGGATGAGGAGGAGGCCAGGCAGGGAGCCGAGAGACTGGGGTGGAGCAGCTG  
 AGGCGGAGGACCTGGGCTACGGAGGAGGCAAGGCCCTTTGACCAGTGCCAAGACCTCCGGGAAGCCTA  
 CAGGTACACACATGGCCGTGCCAGCGAGGAGTATGAATGCTATGTCATCCAGAGGAGGAAGACGAAGAA  
 GAGCCTGCTGATGCTTCTGCATCACTTGCAAACTCCAGTAAGAAGTGTGAGAAGGATTTTGATACAC  
 ACAAGGAACACGAAGTAACCCCAATCAGCAAAGCTCTGGAACATGCCAAGGATGAGGTTCAAAAAATAT  
 GTGCAAAATGGAACAGCAGATAATTGAGATGGAATAATTCGCTAGCCACCTGGAAGAAGTGTTCATTACT  
 GTGGAGGAGAATTTTGAAGACAGGAACAAAATTTGAGTGCCATTACAATGGGATCTTGGAAACCCCTCG  
 CTCAAAAGTATGAAGAAAAAATCAAGCTCTGGGGGAGAAAAAGAGAGAGAACTGGAAGCCTTATACGG  
 ACAACTGGTCAGCTGTGGAGAGAACCTCGATGCCTGCAGGGAGCTGATGGAAACCGTAGAGGAGATGTGT  
 CATGAGGAAAAGTGGAGTTCTTAAAGGATGCAGTGGCTATGACTGACAGACTGGGGAAATTCCTGAAAA  
 CCAAACTGATGTGGAGCTCTCTGCACAACCTGAGTTTGAAGACCAGACCTTGGACTTCTCTGATGTGGA  
 GCAGCTGATGGACCCATCAATACCATTCCAGCGCCCTGCTCCAGTGATAATCCCCAGGCACCCAAC  
 TCCGCCACCGCTCCTCAGTGCCTGTATGCTGGAGCTTATTTCTGACGACACCGTGGAGAGCTACCAGC  
 TGTCTATAGGCCGGTGCAGGACAGCTCATCTGGCAAGGACCGAGCAGAATTCACCATGATGGTCAAAGA  
 AACATATTGCTCAGTGACAAATCTTGAGCCAAATACTCAGTATGAGTTTTGGGTATAGCTCAGAACAGG  
 ACTGGCCCCAGCCCTGCAGTGAGCAGCAGTGTATATGACAGCCCCCTCTCCCCCTCTATAAAAAACCG  
 AGGCAATCAGAAGCTGTGAAGAGGCTGTGCTGATTTGCTGGGAGTCTGGGAACCTGAATCCGGTGGACTC  
 CTACACGGTGGAGCTAATCCAGGCAGAGACGCCAGAAGCCTCGGGGGTAACTGAATCTGTGCTAGGCATC  
 CCAACCTGTGAATCCCTGATACAGCTGCAGCCTAGACACAGCTATACCATCTATGTGCGAGCCCTCAACG  
 TGGGAGGCACAGTGCCAGAAGTGAAGCTGCTACAGTGACACCACAGGAAGCTACTTCCAATTGAACAA  
 AGACACCTGCCATCCCTGGCTGACCATTCTGAAGATGGGTTACGGTAGTTCGAAGTGAGAAGAAAAGT  
 TTCAGAAAAGGAGTGCCTCCGAGCAAGACGCAATTTACCAGTGTGTTGCTGTCATGGGGAACTGATTC  
 CGGTCCGAGGGGCCATTACTGGGAAGTGGAGGTGGCTGAGCATTGGACTACACTGTGGGTGTGGCCTG  
 TGAAGATGTCCTAAGCAGGAAGACCTGGGAGCAAACCTTGTCTGCTGGTGCATGAGGCATACATTTGTT  
 TCCAAAAGGCACCGGTATGAGTTTCTGCACAACAAGATGACTCCAGACATCAGGATCACAGTTGCTCCGA  
 GGAAGATTGGCGTGTGCTGGACTATGAGAACGCCAAGCTGTCCTTTTTCAATGTGGACATTGCTCAGCA  
 CCTGTACACATTTAGCTGTGAGTCCACAGTTTGTGCATCCCTGCTTTTCCCTGGAAAAGTCTGGATGC  
 CTAAGATCTGCAATGGCATTTCATGCCAAAGCATGTCACTTTCTTT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172904  
**Insert Size:** 2151 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).

<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_172904.2</a></u> , <u><a href="#">NP_766492.2</a></u>
<b>RefSeq Size:</b>	2976 bp
<b>RefSeq ORF:</b>	2151 bp
<b>Locus ID:</b>	244091
<b>UniProt ID:</b>	<u><a href="#">Q8BZ52</a></u>
<b>Cytogenetics:</b>	7 D3