

Product datasheet for MC212878

Frrs1l (NM_001142965) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Frrs1l (NM_001142965) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Frrs1l
 Synonyms: 6430704M03Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >NM_001142965.1
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGGCAACCCCTGCGGCGCCCGGCTGGGTACCACTGCTCCTGCGACTGCTGCTGGCGGGGATCG
 CTGCTGCGATGCCAGCCCCGCGGACGACAGCGGGGCCGGGGGCCGGGGACCCCGGGGACGCGCGCG
 AGGGGACGCGGGCGGGACGAGGCAGTCCCGGCCACGACTCCTCTACGGCACCTTCGCCAGCGAGTTC
 TACGACCTGCGCTACCTGTCAGAGGAGGTTACCCTTTCCCACTGCTCCTCTGTGACCCATTCGCCA
 AAATCAAGGTGGAAGACTGTGGAAGAACTAAGGGATGCTTCAGATACGGGAAGCCAGGCTGTAATGCAGA
 AACCTGTGACTACTTCTTAGCTACCGGATGATAGGCGCTGACGTGGAGTTTGAGCTGAGTGCAGACACA
 GATGGTTGGTTCGCGGTTGGATTCTCTCAGACAAAAGATGGGTGGTGACGATGTCATGGCCTGCGTCC
 ATGATGACAATGGCAGAGTCCGCATACAGCACTTCTATAATGTGGGTGAGTGGGCAAAGGAGTTTCAGAG
 AAATCCTGCCCGAGATGAAGAAGGAGTTTTGAGAAACAACCGCGTCACCTGCAGGTTTAAGCGTCCCGTG
 AATGTTCCAGGGATGAAACGATCGTGGATCTGCACCTGAGTTGGTACTACCTGTTTGCTGGGGTCCGG
 CCATTCAGGGCGCCATCACTCGTCACGACATAGACTCTCCACCGGCTTCAGAGCGGTTGTCAGTATTTA
 CAAGTACGAAGACATTTTCATGCCGTCGGCTGCCTACCAGACTTCTCCTCGCCATTTGTCTGCTTCTC
 ATTGTCCGCTGACCTTCTACCTGCTGATGGGAACCCCTTAA

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1375_g08.zip
 Restriction Sites: Sgfl-MluI
 ACCN: NM_001142965



[View online »](#)

| | |
|-------------------------------|--|
| Insert Size: | 882 bp |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p> |
| 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: | <ol style="list-style-type: none"> 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. |
| RefSeq: | NM_001142965.1 , NP_001136437.1 |
| RefSeq Size: | 3854 bp |
| RefSeq ORF: | 882 bp |
| Locus ID: | 230235 |
| UniProt ID: | B1AXV0 |
| Cytogenetics: | 4 B3 |
| Gene Summary: | Important modulator of glutamate signaling pathway.[UniProtKB/Swiss-Prot Function] |