

## Product datasheet for MC212578

### Fam46a (NM\_001160379) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam46a (NM\_001160379) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam46a  
**Synonyms:** BAP014; D930050G01Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212578 representing NM\_001160379  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGAGGGCGAAGGGTACTTTGCCATGGCAGAGGACGAGCTGACCGGGCCCTTACATCCCCCTGG  
 GTGGTACTTCGGCGGCGGGCAGCAGCTTCGGCGACCGCTGCTCGGACTATTGCGAAAGCCCCACGGC  
 GCACTGCAATGTGCTGAACTGGGAGCAAGTGCAGCGGTTGGACGGCATTCTGAGCGAGACCATCCCGATC  
 CACGGGCGGGCAACTTCCCCACGCTCGAGCTGCAGCCAAGCCTGATTGTGAAGGTGGTGAAGGAGCGCC  
 TGGAAAGAGAAGGGCATAGGTGTCCGCGACGTGCGCCTCAACGGCTCAGCCGCCAGTCACGTCCTGCACCA  
 GGACAGTGGCCTAGGCTACAAGGACCTGGACCTCATCTTCTGCGTGCCTGCGTGGGGAAGAGGAGTTT  
 CAGACTGTGAAGGACGTCGTTCTGGATTGCCTGTTAGACTTCTTGCCGAAGGGGTGAACAAGGAGAAGA  
 TCACACCGCTCACTCTCAAGGAGGCTTATGTGCAGAAAATGGTTAAAGTGTGCAATGATTCTGACCGGTG  
 GAGCCTTATACCTGTCAAACAACAGTGGCAAAAATGTGGAGCTGAAGTTTGTGGATTCCCTGCGGAGG  
 CAGTTTGAATTCAGTGTAGATTCTTTCAAATCAAATTAGACTCTTCTCCTCTTTACGAGTGTTCAG  
 AGAACCCGATGACTGAGACATTTACCCACCATCATCGGTGAGAGTGTCTATGGTGATTCCACGAGC  
 CTTTGATCACCTTTGCAACAAGATCATTGCCACCAGGAACCCAGAGGAAATAAGAGGGGGAGGCCTGCTT  
 AAGTACTGCAATCTTTAGTGGGGGCTTCAGGCCTGCCTCCGAGGAGATCAAGACCCTCCAGAGGTACA  
 TGTGTTCCCGTTTTTTATTGACTTCTCAGACATCGGAGAGCAGCAGAGAAAAGCTGGAGTCTACTTGCA  
 GAACCACTTCGTGGGCTTGAAGACCGCAAGTATGACTATCTCATGACCTTCATGGAGTGGTAAACGAG  
 AGTACGGTGTGCCTGATGGGACATGAAAGGAGGCAGACTTTAAACCTTATCACCATGCTGGCAATCCGGG  
 TGCTAGCTGACCAAAATGTCATTCTAATGTGGCTAATGCACTTGCTATTACCAGCCGGCCCCCTATGT  
 TGCAGATGCTAACTTTAGCAATTACTACATTGCACAAGTTCAGCCCGTGTTCACATGCCAGCAGCAGACA  
 TACTCTACTTGGTTACCCTGCACT**TAA**

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001160379
<b>Insert Size:</b>	1287 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_001160379.1</a></u> , <u><a href="#">NP_001153851.1</a></u>
<b>RefSeq Size:</b>	5450 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	212943
<b>Cytogenetics:</b>	9 E3.1