

## Product datasheet for **MC227451**

### Fam46d (NM\_001271008) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fam46d
Synonyms:	Gm377
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227451 representing NM_001271008 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCGGAGATCAGATTGCAATCTCACTGGGATCACATCGTAACACTGGATCGTGTGTACATGAAG  
TGATCCCAATTCATGGAAGGGCAATTTCCACGCTGGAGGTAACCAAGATATTATTCATATTGT  
GAAAGATCAACTCATAAAACAGGGCATTGTTGTTAAAGATACAAGATTGAATGGCTCAACAGCAAGTTAC  
ATACTCGAAGCCATAATGGAATCAGCTATAAAGATTTGGATATTATTTTGGTGTGATATACCAAGTG  
ATGAAGAATTCATGTAGTTAAGGATGCAGTTTTAAGCTGTCTATTTGACTTCTTGCCAAAAGGTGTTAA  
AAAAGAAAAGATTACCCTAAAAACCATGAAAGAAGCATATGTGCAGAAAATGGTAAAAATTTGCAATAAC  
CATGATCGCTGGAGTCTCATCTCCCTTTCAAATAACAACGGGAAGAAGCTAGAACTAAAAATTTGGAATT  
CACTCAGACGACAATTTGAATTTAGTGTAGATTCTTTCAAATCTTTGGATTCCATGTTAGATTTCTA  
TAGTGTCCCAAATGCCAAGCTAACTAAAGAATCCTGTCTGTGTGGTGGCTGAAAGTATGTATGGGGAC  
TTTCAAGAAGCAATGATACATTTGAAATATAAGCTAATATCTACCAGAAAACCTGAAGAGATCAGAGGTG  
GTGGCCTTTGAAGTATAGCAATTTGTTGGTTCGTGACTTCAAACAGCTTGTCAAACAGAAATTAAGAC  
TCTGGAACGTTATATGTGTTCTAGATTTTTCATTGATTTTCTGATGTAGCAGAACAGCAAAAGAAAATT  
GAATCGTACCTCCACAACCATTTTCATTGGTGAAGCAAAGAACAAGTATGACTACCTTATGACCTTGCATG  
GAGTTGTAACCAAGCACCGTCTGCCTCATGGGATATGAAAGAAGGCAGACCTTAACATGATCACCCCT  
TTTGGCTTTGAAAGTACTTGGAGAACAGAATTTTACCCAGTACAGACAACGTAACCTTGCCTTTACCAA  
CCTGCTCCATACCTAGTCTTGGAGGAGGTACCCAGTTATATGTAGCATCTGGGCTACCACTGGTTT  
ATTTCCAGCCATGCATACAGTGCAGTTCCCTGTGCAAAATGGTATGATGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001271008
<b>Insert Size:</b>	1173 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u>NM_001271008.1</u> , <u>NP_001257937.1</u>
<b>RefSeq Size:</b>	2997 bp
<b>RefSeq ORF:</b>	1173 bp
<b>Locus ID:</b>	213449
<b>Cytogenetics:</b>	X D