

## Product datasheet for **MC200077**

### Frg1 (NM\_013522) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Frg1 (NM_013522) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Frg1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC002027 sequence for NM_013522

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GAAGACCGAGAGTTCTCGGGGACTCGCTCAGCTCCGGCCGTTAGAGCCACTTCCTCCTCCTCCCAGTCC
TACGGAAGCTCTGCCAGCGGCTGCCACTTCAGCGAGCCGGCCATGGCCGAATATTCCTATGTAAGTCC
ACCAAACCTCGTGTCTCAAGGGCACTAAAGCCAAGAGTAAAAAGAAAAGAGCAAAGATAAGAAGAGAAAAC
GGGAAGAAGACGAGGAGACCCAACCTTGATATTGTGGGAATCTGGTGGACTGTATCCAACCTTTGGGGAGAT
TTCAGGAACTATTGCCATTGAAATGGATAAAGGAGCCTATATCCATGCACTGGACAATGGACTGTTTACA
CTGGGAGCTCCACACAGAGAAGTTGATGAAGGCCCCAGTCTCCAGAGCAGTTTACTGCTGTCAAGTTGT
CTGACTCCAGAATTGCCCTGAAGTCTGGCTATGAAAAATATCTTGGTATAAATTCAGATGGACTTGTGT
TGGGCGTTCGGATGCAATTGGGCCAGAGAACAATGGGAACCAAGTGTTCAGATGGGAAGATGGCTTTA
CTGGCCTCAAATAGCTGCTTTATTAGATGTAATGAAGCAGGCGATATAGAAGCAAAGAATAAACCGGCAG
GAGAAGAAGAAATGATAAAGATCAGATCCTGTGCGGAAAGAGAAACCAAGAAAAGGATGACATCCGAGA
AGAAGACAAGGGAAGTGTGAAGCAGTGTGAAATCAACTATGTAAGAAAATTTTCAGAGCTTCAGGACCAC
AAACTCAAATAAGCAAAGATAGTAAATCTTAAAAAGGCTCGGAAAGATGGATTTTACATGAGA
CACTTCTGGACAGGAGAGCCAAATTGAAAGCTGACCGATACTGCAAGTGACGTGGACATTTTGTGTAGCT
TTGGGTTTTTTTCTGTGGTTTTTTGTTGTTGTTGTTTCTTTCTTTCTTTGCCCCCTCTCTCTCTCTCT
CTCTTTCTCTGAATAAAAATATTTGATATAAGTGTCTTTAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_013522
Insert Size:	777 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).



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<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="#">BC002027</a></u> , <u><a href="#">AAH02027</a></u>
<b>RefSeq Size:</b>	1043 bp
<b>RefSeq ORF:</b>	777 bp
<b>Locus ID:</b>	14300
<b>UniProt ID:</b>	<u><a href="#">P97376</a></u>
<b>Cytogenetics:</b>	8 23.89 cM
<b>Gene Summary:</b>	Binds to mRNA in a sequence-independent manner. May play a role in regulation of pre-mRNA splicing or in the assembly of rRNA into ribosomal subunits. May be involved in mRNA transport. May be involved in epigenetic regulation of muscle differentiation through regulation of activity of the histone-lysine N-methyltransferase KMT5B.[UniProtKB/Swiss-Prot Function]