

## Product datasheet for MC213120

### Fam78a (NM\_175511) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam78a (NM_175511) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam78a
Synonyms:	A130092J06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213120 representing NM_175511 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCCTGTTATTTTTGGGACTGCTGGCCTTCCCTGGAGATTAGAGCGGTCCTGTGTGCCATGGGCTGTA  
TTCAGAGCATCGGAGGCAAAGCCAGAGTCTCCGGGAAGGGATTACCGTATTGATGTGAAAGCCTCCAT  
CGACCCCATCCCCACCAGCATCGACGAGTCTCCAGCGTGGTATTGCGCTATCGGACACCCCACTCCGG  
GCCTCAGCCCAAGTGGTCATGCCGCCATTCCAAGAAGGAGACCTGGATCGTTGGTTGGATTACGGCGT  
GCAGCCATATGGAGTTTTACAACAGTACGGGGAGCAGGGCATGTCTAGCTGGGAGCTCCCCGACCTCCA  
GGAAGGAAAGATCGAGGCCATCAGTGACTCTGATGGGGTGAACATCCCTGGTACGGCAATACCACGGAG  
ACCTGCACGATTGTGGGGCCACCAAGAGGGACTCCAAGTTCATCATCAGCATGAACGATAAATTCTACC  
CCAGCGTCACGTGGGCCGTGCCCGTCAGTGAGAGCAACGTGGCCAACTGACCAACATCTACCGGGACCA  
GAGCTTACCACGTGGCTGGTGGCCACCAACACCTCCACCAATGATATGATCATCCTGCAGACCTGCAC  
TGGCGCATGCAGCTGAGCATCGAGGTGAATCCCAACCGGCCCTGGGCCAGCGGCCAGGCTGCGGGAGC  
CCATTGCCAGGACCAGCCTAAAATCCTTAGCAAGAATGAGCCCATCCCGCCAGTGCCTGGTCAAGCC  
CAACGCCAACGATGCACAGGTCTCATGTGGAGACCAAGTACGGGCAGCCACTGGTGGTATCCCGCCC  
AAGCACCGG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_175511
Insert Size:	852 bp



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<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_175511.4</a></u> , <u><a href="#">NP_780720.1</a></u>
<b>RefSeq Size:</b>	4011 bp
<b>RefSeq ORF:</b>	852 bp
<b>Locus ID:</b>	241303
<b>UniProt ID:</b>	<u><a href="#">Q8C552</a></u>
<b>Cytogenetics:</b>	2 B