

## Product datasheet for MC212925

### Fam109a (NM\_175474) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam109a (NM\_175474) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam109a  
**Synonyms:** A230106M15Rik; AU017694; IPIP27A; Ses1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212925 representing NM\_175474  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAGCTCAACGAGCGCAGCTTGGCCTTCTACGCAACCTGCGATGCCCGGTGGACAACGCCGGCTTCC  
TGTAACAAGCGTGGTGGCCGTGGGACCGGCTCGCACCGGCGCTGGTTCGTGCTCCGGGCAATATCCTCTT  
TTACTTCGAGGCAGAAGGCAGCCGCGAGCCGCTGGGCGTCATCCTGCTGGAGGGTGCACGGTGGAGCTG  
GTGGATGCCCGGAGGAGTTCGCCTTCGCAGTGCGCTTTGCCGGGGCCGATCCCGGCCGTACGTGCTGG  
CCGCTGACAGCCAGGCAGCCCTGGAGGGCTGGGTGAAGGCACTGTCCCGGCCAGCTTCCACTATCTGCG  
CTTGGTGGTGCGGGAGCTGGAACAGCAACTGGCTGCCATGCGCGAGGGAAGCCCCGCAACGCCTTACCC  
GCCAACCCGAGCCCGGTTTTGACCCAGAGACCCAAGGAGAACGGCTGGGTAGTGTGGAGCACGCTGCCCG  
AGCAGCCCTCGGTAGCCCTCAGCGGCCGCCCACTGCCACCCCGCCAGGGCCTCAGCGGCCAACGG  
GCCCTTGGCATCCTTCGCCAGCTGCATGCGGATATGGACTAGAGGTGCCAGGCCCTTAGGGACCACTGG  
CGCGGAGGCCAGGCTGGCTAGCCAGCTTAGAGGTCCCCTGGCATCCTGGTCTGCTGAGACTCAGACCC  
AGGACCAGCCAGCCCTAAGGGGACATAGTGGGTGAAGGTATTACATGTATTCCGTTCCGTAGAATGGCC  
TGTTTGAATCCAGGCTCCAGGGGACATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_175474  
**Insert Size:** 801 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>	<a href="#">NM_175474.3</a> , <a href="#">NP_780683.1</a>
<b>RefSeq Size:</b>	2335 bp
<b>RefSeq ORF:</b>	801 bp
<b>Locus ID:</b>	231717
<b>UniProt ID:</b>	<a href="#">Q8BH49</a>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Plays a role in endocytic trafficking. Required for receptor recycling from endosomes, both to the trans-Golgi network and the plasma membrane.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. All three variants encode the same protein.