

Product datasheet for **MC214631**

Fam109b (NM_177391) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam109b (NM_177391) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam109b
Synonyms: C920005C14Rik; IPIP27B; Ses2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214631 representing NM_177391
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCTGAACAAGAGGAGTGTGGCCACTATGCGCTGAGTGATTCTCCGGCAGACCACACTGGCTTTC
TGCGTAGTTGGGAGGACCAGGTTCCCCACCCACTCCCAGTGGCACTGGCCGAAGATACTGGTTTGTCT
CAAGGGCAATCTGCTATTCTCTTTCGAGACTAGAGAGAGCCGGTCCCGTGGTCTTGTGGTATTGGAA
GGCTGCACGGTGGAGCTGGCCGAGGCTCCTGTACCCGAGGAGTTCGCCTTCGCTATTTCGCTTTGATGCC
CTGGAGTGCGCCACACCTGCTGGCAGCAGATGGCAGGCTGCCAAGAGGCATGGGTGAAGGCACTGTC
CCGAGCCAGCTTTGGCTACATGCGACTTGTGGTGCAGAAATTGGAGAGCCAGTTGCAGGATGCCCGTCAG
AGCCTGGCCTTGCATCGCTGTGCATCCCAGAGGGCTGTTGCCAATTGTAGTAAATCTCAGGCTCCTGACC
ACCGAGCTCCAGACCTGAGAACGGCCACTTCTCCCCAGGGACCGCAGTTCCATTGGTACTGTGGAAGA
AAGGGGGATCCGGCCAATAGGTCGGGATTTGACCGAGTGGGAGTTACAGGGCCCTGCTAGCCTCCTCCTA
AGCATGGGACAGAGCCCCGTGTCCCCTGAGAGCTCCTGTTTCTTACCCTGCATGACTGGTATGGGAAGG
AGATCATGGAGCTGAGGGCAGGGTGGCAGCAAAGGGCAAAGGAAGCCAGACAGAGAACAAGTACAGAA
TAGGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177391
Insert Size: 780 bp



[View online »](#)

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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_177391.4 , NP_796365.1
RefSeq Size:	2745 bp
RefSeq ORF:	780 bp
Locus ID:	338368
UniProt ID:	Q14B98
Cytogenetics:	15 E1
Gene Summary:	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 (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.