

Product datasheet for **RN209116**

Fam221a (NM_001025771) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam221a (NM_001025771) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam221a
Synonyms:	Fam221a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209116 representing NM_001025771 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGTTTACAGAATAGATTATTTGTGAGCTGGCGGTCACCCACAGGAATGGATTGCAAACCTGTTGGCC
 CGGAGACGCTGTGCTTTTGCACACATAGGTATAAGCAGCACAAAACCTGACTTTGAAACGGTTCCCCAGCA
 GCGTCCCATTGATCTGCCCTGCCGAGTGACCGGTTGCCAGTGCAAGGCTTACCACTATGTCCTCTGAAC
 GGCACCCAGCCTATTCGCTGCAGGTCAAACACTTCGCTGATCAGCACAGCCCTGCCCTTGGCTTCACAT
 GCAATGCCTGCTCCAAGTGTTCAGGATTCCACAGCTGTTCACTTGTGCCTGTGGCCAGCCCGCATATGC
 CCACGACACCGTGGTGGAAACCAGGCAAGAGAGGCTGGCCAGGGAAAACCTGTAGGACAGGATGTTCTT
 TATGCGGCAATGGGCGGTTTAACTGGTTTCAGCTCACTGGCAGAAGGCTACATGCGCTTAGATGACAGTG
 GCATCGGGGCACCCTCTGTTGACGTTTTGGACTCTCCGTTTCAGTCATGGACCATCCATTCTTAAGAGC
 CATGCAGCCGCCATCTACTTCTTCTCCACAACCACTAGCAGTAGGTCCAAGCACTCAGATTTCTTCTTA
 AGGAAACCTGAAGAGGATGATATGGCTTACTTTGAAAGACAATACCAGGAAAGGATCAAAATGAAAAAGG
 CTGCTAAGAAAGGAAAAGCGCTGCCGCCCAAGCAGCAGCCTTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001025771
Insert Size:	750 bp


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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:	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:	<u>NM_001025771.2</u> , <u>NP_001020942.1</u>
RefSeq Size:	1427 bp
RefSeq ORF:	750 bp
Locus ID:	500118
UniProt ID:	<u>Q4V8D7</u>
Cytogenetics:	4q24