

Product datasheet for **RN214688**

Fam151a (NM_001005558) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam151a (NM_001005558) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam151a
Synonyms:	MGC94145
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214688 representing NM_001005558
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCTGCAAGAAGTGCTGCTCCAGCAGCCAGACCAAGTGGATCCTTGCTGGCAGTGTAAGCATGACAC
 TGGTATTGGCCATTTTCGATGATCCTGGGCCTAACCTGTATCAGCGCACCCGACCAGGCTGTGAGAACGA
 TGCAGTTTGCCGTCCTGACGCAGACATGCTGGACTACCTGCAGAACATAGGTGAGATCAGCCACCGGGAT
 GGCCTGCTGGTCACCTGGTATCACGCAGCCAACAGCAAGAAAGAGATGGAGGCCGCCCTAAACAGCGATG
 TCATGGTCTTAGAAGCAGATGTACCGTAGAGGGGTTCAACACAGCCAATGAGACCGAGGTGCCATTAT
 GGCCCATCCTCCAGCCATCTACAGTGACAACACCTTGAAGGAGTGGCTGGAGGCTGTGCTGGCCTCATCT
 CAGAAGGGCATCAAAGTGAAGTCTTAAGAGTCTTAAGGCTGTAGGCCCTCCCTGGACCTCCTTCGACAGC
 TGACTGAGGCTGGCAGGATTCGAGACCGGTGTGGATCAATGCTGATATCCTGAAGGGCCCCAATGTGCC
 CATCTCAACTGAAGTCAATGCTACCCAGTTTCTGGCACTGTCCAGGAGAAGTATCCAAAGGCCACCATT
 TCCCCAGGCTTACCACTCTCTATGTGCATCAGCTGCCAAACAGCACATATACCCAGGCCATGGTGGAAA
 CAATGGAGGAGCTGGTCAGAGCGCTGCCCCAGAAGGTACCTTCCCGATGCGGGGTGTATGACACGAGC
 TGCTTGGCCCCACTTCAGCTGGCTTCTGAGCCAATCTGAGAGGTACAGCCTGACACTGTGGCAGGGTGCC
 TCAGACCCCGTGTGAGTAGAAGATCTTCTTTCATCCGGGACAACAGTGGCCCTCACCAATCTACTATG
 ACCTCTTTGAGCTGTCTGTGCGAGTTTAAGCAGCTGGCCTTGAACACCACCCGGAAGCGAACCTTCTA
 CACAGGGGGCAGCCTGATCCCTGTTCTCCAGCAGCCCAAGGGTGTGGTCTGGAGGTAGAGTGGTTGGCT
 CTGGAAGTGAATGACAAGGGGAGAAAAGCAGCCATTACTGTCCCTGATAGAGAAGGCATGATCCTACTGG
 ATGTCGGCCTCCAGGAACCTGAAGTTGGGAACCTGTGCCGTCCTGCGCACCCAGGTGGTTCTGTTCT
 GACACTGGAGTCGTGTCTGCTGCACCTGGCTGTTACGCCACGCGCTGGAGCATCCATGTGAACATAACG
 GAACCCGAGCTCTCCGGCCATCCCTGGCCACGTTAGCACACCTCTCACCCCTTGCCCATCTGCCCTGGC
 CTGTGTGGGTGGGGGCCACAGTGTCTATGGTAGTTTTGTGGTCCCTGGCCACATAGCTGGCAGAGAGCT
 GCTCACAGCTGTGGCTGAAGTTTTCCCCCATGTGACGGTGGCACCAGGCTTGGCTGAAGAGATGTGGGC
 AGTGGCTATCAGGAACAGATGGTCACAGAGATGCTGGAGCTGTGTAGGGGCTCCGGCAACCTGTGTCT
 TTCAGCTGCAAGCCGGGCGCTGGGCCAGAGTCCAGCCAACACTGTGGCCAGGCTACTGGCCTTCTCTCC
 TAGAGCCACTGTACAGTGTACACAGCAGTGTGGGAACAGCTATGCAGATGTGTGGGTGGACTGTGG
 GCGGCCAGGGCCGTGGACAGGACCCGAGTCTATTACCGGATACCCAGGAGTACCGTAAAGACTTGTCTGG
 CACATGTGGACAGACACCGACCATCCAGTAGGACTGGACCATCTATGTGAAGGTTTCCCTGGGGAGTC
 AAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001005558

Insert Size: 1827 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).

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: [NM_001005558.1](#), [NP_001005558.1](#)

RefSeq Size: 1912 bp

RefSeq ORF: 1827 bp

Locus ID: 313430

UniProt ID: [Q642A7](#)

Cytogenetics: 5q34