

Product datasheet for **RN210639**

Fam20a (NM_001012237) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam20a (NM_001012237) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam20a
Synonyms:	RGD1306364
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210639 representing NM_001012237
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGACTGCGCAGGGACCGCTGCTGGCCCTGCTGCTCCTGGGCGCGCTCTTCTCTGCCGACCTCT
 ACTTCCACCTCTGGCCGCAAGTGCAGCGCCAGCTCGGGCCGGGAGAGCGCCCGCTGGCTGCCCGTGCTC
 CGGCCGCGCCCCCTCCACGTCCCTACACTCAGCCGAGCCTCCCGGGACCTGGCACCAGCTCGCACAAAC
 TTTTCAGGAGCCTTGCCCCGGGTTGAGCATCCCAGCCGCGGCCACCCTGCCCCGCGCTCTAAGCTGAAGG
 CCCTCTTCGCCCACTCGCTCTACCAAGTCTGGAGGATCCGCCTCTCTGGGACCCGAAGACTGGCTCCT
 GGCCAGCCAGGAGGCGTGCCTATTACCGAGGAAGGTGGCCGCTGGAACAGACGGCACAGGATATAC
 AAAGAACAATTCAACCTCACCTCCTTGGATCCCCAGTGCAGTTTCGACCAGAGGCCAGCTGGGTCCAGT
 TCCACTTGGGGATCAACAGCCACGGGCTGTAATCCAGTCCAGCCCTGTCGTGAGCAAGCTCTCCATGA
 CATGAGGCACTTCCCCACCATCAGCGTGTATCACAGCCAGGATGAAAAAGCCTTGCTGGGGGCTGTGAC
 TGCTCCCAGATTGTGAAACCCAGTGGGGTCCACCTGAAACTGGTTCTGAGTTCTCAGACTTCGGGAAAG
 CCATGTTCAAACCATGAGACAGCAGAGAGGAGGAGACACCCGAGGACTTCTTCTACTTCATAGACTT
 TCAGAGACACAACGCTGAGATCGCAGCTTTCACCTGGACAGGATTCTGGACTTCCGACGGGTGCCACCC
 ACCGTAGGGAGACTATTGAATGTCACCAAGGAAATCCTGGAGGTACCAAGAATGAAATCCTGCAGAGCG
 TTTTCTTTGTGTCTCCAGCTAACAACGTGTGCTTCTTCGCCAAGTGTCCGTACATGTGCAAGACGGAGTA
 TGCTGTCTGCGGCAACCCACACCTGCTGGAAGGTTCCCTCTCCGCTTCTGCCATCCCTCAACCTGGCC
 CCCAGACTGTCTGTGCCAACCCTGGATCCGTTCTACTCACTGTCAGGAAAAGAGGAGTGGGAGCTCA
 ACCCCCTCTACTGTGACACGGTAAAGCAGATCTACCCATATAACAGCAGCAACAGGCTTCTCGGCATCAT
 CGACATGGCCGTCTTTGACTTCCTGATTGGAACATGGACCGACACCATATGAGATGTTCAACCAAGTTT
 GGGGATGATGGGTACCTTATTCATCTTGACAATGCCAGAGGGTTCGGACGGCATTCCAGGACGAACTCT
 CTATCCTCGCCCCTCTCTCGCAGTGTGCATGATAAAAAGGAAAACACTTTGCACCTTCAGCTGCTGGC
 TCAAGCTGAGTACAGGCTCAGCGATGTGATGCGGGAGTCACTACTGGAAGATCAGCTACCCCTGTCCTC
 ACGGAACCCACCTCCTGGCCCTGGACCGCAGACTCCAGATCATCCTTAAGACAGTGGAGGACTGCATAG
 AGGCCCACGGAGAGCGAAGAGTCATAGCTGATGGGTGAGCACAACATTACGCTCCAGACTCTGGCCAGGC
 TAATCTGACAAGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001012237

Insert Size: 1626 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_001012237.1, NP_001012237.1

RefSeq Size: 1626 bp

RefSeq ORF: 1626 bp

Locus ID: 303635

Cytogenetics: 10q32.1