

Product datasheet for **RN217199**

Fam193b (NM_001170408) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam193b (NM_001170408) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam193b
Synonyms:	RGD1562335
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217199 representing NM_001170408
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAAGCTCGTCAAGAATCTCTAGGCGAGATGCCTCTGTGGGTCTGCCAGAGCTGCCGAAAGAGCA
 TGGAGGAGGATGAGAGGCAGACAGGTGGAGACCATGCAGTGGCGATTTTCCTTGTCACATACATCCTGCAA
 ATCACAGTCTTGTGGGGTGACTCTCATTATCCTCGTCTCTTTCATCATCCTCATCTTCTCTCTCTCT
 TCTGCCATGGAACTCAGGGGACTGGGATCCCAGCTCGTTCTGTGACACATAAGCTCTCAGGCTCT
 GGAATTTCCACACTCCAGCGGAGCTGTGCCAGGCAGCTCGTTGGGAGTCTCTGTATCCCTGGTGA
 GGCTTTCCCTGTCTGGAGCGCCACCAGCACTCAGACCTACTGCTCCCCAACAGTCTACTGGCCCT
 GCCCCCATCCAGCATCTGTATCCCTTCTCACCTGGTCTTTCAGCTCGGCATCCCACCCACACCTGC
 TGCCACCACCCAGCAGCACCTTCCCTGCCAGGCTTTCAGAGTCCCATGGTGTGCCACTGCCAC
 CCACCCCCAGGGCCATGTCAGAGCCCTCATCTGCCCTCCACCAGCATGCCACTTCTGAAGATGCCTCCA
 CCACTCCCGGGTGCAGCCACCCCTGCAGCGGGCACTGCAGCGGGCACTGTGGTGGGCCTCTCTCCAC
 CACCGAGCTCTCAGCCACTCCCTAGCACTCACAGCAGGGACCCTGGGTGAAGGGGCACAAATTTGCACA
 CAGTGGCTGGCCTGTGAGGCCGATGAGGGTCTGGGCGAGGAAGAGGATAGCAGCTCTGAGCGCAGCTCC
 TGCACCTCGTCTCCACCACCCCGCATGGGAAGTTCTGTGACTGCTGCTACTGTGAGTTCTTCGGCC
 ACAATGCGCCACTCGTGCCTGACGAGCCGGAATTAATACTGAGATCCGGGAGAAGCTCCGCTCCAGGCT
 GACCAGGCGAAAGAGGAGCTGCCCGTGAAGGGGGCACCTGGGCGGATCCCTGGGAGCCTGCGGTG
 GATCACCGAGATGTGGATGAGCTGTGGAATTCATCAACAGCACGGAGCCAAAGTCCCCAACAGCGCCA
 GGGTGCACAGCGGGCCCGCACAAAGCTGAAAAAGAAGGAAAAAGAGAAGGCCCGTTGGCAACAGAAGC
 TCTGAAGCAGGTGAATCGTGTTCCTGGAAGCCAGGAGCCAAAGGCTGCCAGGGAGAGGCTCCTAGAGTGG
 CCTGACCAGGAGCTGGACCGAGTCACTAGCTTCTTGTGAGCAGCCGCTTGCAGGAGATCAAGAGCACGTC
 AAGACTCCCTCTGTGCTAGCTTGAACATGTGTGAGCTCGGGATGGACAGCAGTGGCTTTAAGGAGGGAC
 AATGGAAGCTCAGACCCTAACCCCTTCAAGCTCAGTGGCTCCTCTCAGAAACAGCCTGACATCAACCTT
 GACCTGTCCCCTTTGACCTTGGGTTCTCTCAAAGCCACACATTACAAGCTCCAAGTGAAGCCGCTCCAC
 CATGGGCAGAAAGGAGAGACCCTCACCCACATGGACAGAGGTGAGGGGCCCCCTCTGCTATCCCTGA
 GAATGGGCTTGTAAAGACTCAACTGTGCCAACCTGTCCAGGCTGATCTGGGTCAAGACCCCAAG
 CCAGGCAAGCAAGCTCTGAGGAAAGTCCAAGGAAGTCCCATTGCAAAACAGGAACGGTCTGAGCCTG
 TGCCACAGGTGGGAAGCAAGGAAGAGCAAGAGGCAGGGAAGTCAAGCAAGAAGACTGAGGCAAGTCC
 AGCCCCCTGGCCTCCAGCAACCAAGAGGCCCCAGTGCACAGGCAAGAGCCAGATGTCTAGCCCCAAGCAGCCA
 GGCAAGGGCCAGAGCCTGCCAAGGCAGGCAGTGTGCAGAACCTGGAGAGGGGAGCCGGGGAGCCGGC
 CAGGACCCATTAGGCTGCCAGTCCAAAAGTGAACAAGAGGGTGTCTCTGGCAGAAATGGCCAGGCGG
 GGCCAGGGCAGGACTCTGGAGCAGGAATCTGAGCAGATCCCCGGCCAGCAAAGCCACAGAGCTTGTCC
 CAGGGCAAGGGCCGAGCCCGGAGCCGAAACAAGCAGGAGAAGTCAAGCTCCTCCTTGGACGATGTGT
 TCCTGCCAACGACTTGGATGGGGTGGAGATGGATGAGACCGACCGAGAGGTGGAGTACTCAAGAGGTT
 CTGTTTGGATTCTGCAAAGCAAACCTCGTCAAAAAGTTGCTGTGAAGTGGACCAACTTCAGCCTCAAGAAA
 ACCGCTCCTAGCACAGCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001170408
Insert Size: 2334 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001170408.1, NP_001163879.1</u>
RefSeq Size:	3018 bp
RefSeq ORF:	2334 bp
Locus ID:	498703
Cytogenetics:	17p14