

Product datasheet for **RN211804**

Fam83d (NM_001107796) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam83d (NM_001107796) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam83d
Synonyms:	RGD1565583
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211804 representing NM_001107796
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCTCGTGCAGTTGTTAGACGACCTTCCCGCGCCTGCCTGTCTCCGTGCGGTCCGCCAACCC
 CCACGGAGCTGTTTCAGCGAGGCGCGCGCTGGCTCTCGAGCAGCTGCTGGCCGGCGGCCCAACGCCTG
 GGATGCCTTCTTACGGCGCGAGCGGCTGGGCGCTTCTCAACACCGACGAGGTGCGTGAGGTTCTGGGC
 GCGCCGAGCGGCGGCGAGGACGCGCGGTGGTGACCGAGGAATCGTTCCGGATCCTCTCACGACTGCT
 CGTCGGGCACCTACTTTCGGAGCAGTCGGACCTGGAACCTCCGGCGTTGGAGCTCGGCTGGCCCTCCTT
 CTACCGGGGTGCTACCGCGGTGCCACGCGTGTGAGGCTCATTTCCAGCCCCGCGGCGGGGCGCAGGC
 GGCCCGTACGGTGCAAGGATGCACTACGCCAGCAGTCGCTCCGCCGAGAGGTGATTGCTGTGGTAA
 TGGACGTTTTCTCAGACATCGACATCTTCGAGACCTGCAGGAGATCTGTAGGAAACGGGGGTGGCTGT
 GTACATCCTTCTGGACCAGGCTCTGCTCTCCACTTTTTGGACATGTGCATGGATCTGAAAGTTCATCCT
 GAGCAGGAAAAGCTGATGACGGTGCGGACCATTACAGGAAATATCTACTATGCAAGGTGAGAAACAAAGG
 TTGTTGGGAAGGTTTCATGAGAAGTTCACACTGATTGACGGAATTCGGGTGGCAACGGGCTTTACAGTTT
 TACCTGGACCGACGGCAAGTTAAACAGCAGTAACCTGGTAATTCTGTCTGGCCAAGTGGTTGAACACTTT
 GATCTGGAGTTCCGGATCCTGTACGCCAGTCAGAGCCCATCAGCTCCAAACTCCTGTCCAACCTCCAGA
 TCAGTGGCAAGTTTGACCATCTGGCTGACCAAAAGCCACAGTCGAAGGAGCCCACTGGCAATCTGCT
 GCGTATCAGGCTGGCCAGACTCTCAAGTACTCCCAAGAAGACCGGCTGGACCCAGAGGTGCCGCCAAAG
 GACAGAGACAAAACCAAGCGCCACGATTCTGAGACTTCCACCATCAGTGATGAAGACTATTTCTGCAGCC
 ACAAGGACCAAGTAGAGGAGAGCAAGGTGGTTGATGCTGTACCCAAACAGAGCCAGGAGAAGAGATGGC
 TGCAGTAAGCCTGAGCGAGGTGGGAACCTCAGACTAGTTCCAGCATGATGTGTGCTGGGACCCAAACCACA
 GTTGTCACCAAGGCGAGCTCCAGGCCACAGTGTGGTCCAAGTCCACCACCACGCACTGAAGCTG
 ACGAGAGCTTCTTCTCAGGGTGGCCAGTCTAAAGAAGAGTACCGGCATCCAAGATGTCGGTGTCAAG
 GTCTTCCAGTTTGGGTGATCCTCCTCTGTGTCTTCCAGGGCTCACTGGCAAGCTCGGTGAGTCCCAT
 GTTTCCTGTGAGGCACTGATCTGCACACTCCCGGATACCCCAAGTACCTGGGTCTGGGCACGCCCCATC
 TGGATCTGTGCCTGAGGGACTCCTTCAGAACTGAGTAAAGAGCGGCAGGTCCACTTCACTGGCATCAG
 GTCCCGGCTCACCCAGATGCTACCGTGTCTCAAGGAGAAGCTCTTACAGAGCACTACCTCAGTAC
 AGTCCTGGGAGCTTACCAGAGCGTCCACCAACCTGGTTTCTGTGAGGGACATAGCACTCTATCCTCCTT
 ATCAG**TGA**

AC**CGGCCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-NotI

ACCN: NM_001107796

Insert Size: 1758 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_001107796.1, NP_001101266.1

RefSeq Size: 2253 bp

RefSeq ORF: 1758 bp

Locus ID: 311598

Cytogenetics: 3q42