

Product datasheet for **RN216005**

Fam168b (NM_001271134) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam168b (NM_001271134) Rat Untagged Clone
Tag: Tag Free
Symbol: Fam168b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216005 representing NM_001271134
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATCCTGTTTATAGCCCTGGGTCTTCTGGGGTTCCTATGCAAATGCCAAAGGAATTGGATATCCAG
CTGGTTTCCCTGTGGCTATGCAGCAGCTCCTGCCTATTCTCCTAACATGTACCCCTGGAGCGAACCCCTAC
CTTCCAAACAGGTTACTCTCTGGCACACCTTACAAAGTGTCTGTTCCCAACCAGTGGGCTGTGCCG
CCATACTCCTCCTCCCCAATCCTTACCAGACGGCTGTGTACCCAGTGAGAAGTGCCATCCCCAGCAGA
GCCCATACGCCAGCAAGGCACGTAACACACAACTCTGTATGCAGCACCTCCTCACGTCATTACCA
CACCACAGTGGTGCAGCCCAATGGCATGCCAGCGACCGTCTACCTGCTCCCATCCCTCCTCTAGAGGC
AGCGGGGTCAACATGGGCATGGTTGCTGGGACCACAATGGCCATGTCAGCAGGTACCCTGCTGACTGCTC
ATTCTCCAACCTCTGTAGCCCTCACCCAGTCACTGTCCCCACATACCGAGCCCCAGGAACCCACCTA
CAGCTATGTGCCCGCAGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271134
Insert Size: 585 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).



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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_001271134.1</u> , <u>NP_001258063.1</u>
RefSeq Size:	4034 bp
RefSeq ORF:	585 bp
Locus ID:	690188
UniProt ID:	<u>D4AEP3</u>
Cytogenetics:	9q21
Gene Summary:	Inhibitor of neuronal axonal outgrowth. Acts as a negative regulator of CDC42 and STAT3 and a positive regulator of STMN2. Positive regulator of CDC27.[UniProtKB/Swiss-Prot Function]