

Product datasheet for SC317287

FAM168B (NM_001009993) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM168B (NM_001009993) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM168B
Synonyms:	MANI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317287 representing NM_001009993. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAATCCTGTTTATAGTCCTGGATCTTCTGGGTTCCCTATGCAAATGCCAAAGGAATTGGTTATCCA
 GCTGGTTTTCCCATGGGCTATGCAGCAGCAGCTCCTGCCTATTCTCCTAACATGTATCCTGGAGCGAAT
 CCTACCTTCCAAACAGGTTACACTCCTGGCACACCTTACAAAGTGTCTGTTCCCCACCGAGCGGGCT
 GTGCCACCGTACTCCTCCTCCCGAACCCCTACCAGACTGCCGTGTACCCTGTGCGAAGTGCCTACCCC
 CAGCAGAGCCCGTATGCACAGCAAGGCACGTACTACACACAGCCGCTGTATGCAGCACCTCCTCAGTC
 ATCCACCACACCAGGTGGTGCAGCCCAACGGCATGCCTGCAACGGTGTACCCTGCTCCCATCCCCCT
 CCTAGAGGCAACGGGTACCATGGGCATGGTGGCTGGGACCACCATGGCCATGTGAGCAGGTACCTGT
 CTGACTGCTCACTCCCCAACTCCTGTGCCCCCACCCTGGTCACTGTGCCACGTACCGGCCCCAGGA
 ACGCCCACTTACAGCTATGTGCCCCCTCAGTGGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001009993
Insert Size:	588 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001009993.3</u>
RefSeq Size:	5449 bp
RefSeq ORF:	588 bp
Locus ID:	130074
UniProt ID:	<u>A1KXE4</u>
Cytogenetics:	2q21.1
MW:	20.3 kDa
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]