

Product datasheet for MC207611

Fam103a1 (NM_025997) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam103a1 (NM_025997) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam103a1
Synonyms:	2410047I02Rik; 2610204K14Rik; RAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207611 representing NM_025997 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAGTGATACTTCTGAAGAAATTCAAAATTTGAAGAGATGTTTGAAGCAGATTCACGAAAGATGACA
AAGAATACCAGGAATACTTGAACGCCCTCCTGAGTCCCCTCCAATTGTTGAGGAATGGAATAGCAGAGC
TGGTGGTAACCAAGAAATAGAGGCAACTGGCTGCAAGACAACAGACAATTTAGAGGTAGGGATAACAGA
CGAGGATGGCCAAGTACAATCGGTCAAATCAGTGGCATGGACGGTCATGGGGTAACAACAACACTACCCAC
AGCAGAGACCAGAGCCCTACTATCAACAACAGTACACACAGTATGGCCACAACCAGCGGCCTCCATATGG
TTACTAT TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_025997
Insert Size:	360 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).



[View online »](#)

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:	NM_025997.2 , NP_080273.1
RefSeq Size:	1423 bp
RefSeq ORF:	360 bp
Locus ID:	67148
UniProt ID:	Q9CQY2
Cytogenetics:	7 D3
Gene Summary:	Regulatory subunit of the mRNA-capping methyltransferase RNMT:RAMAC complex that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs. Promotes the recruitment of the methyl donor, S-adenosyl-L-methionine, to RNMT. Regulates RNMT expression by a post-transcriptional stabilizing mechanism. Binds RNA. [UniProtKB/Swiss-Prot Function]