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Product datasheet for MC210826

Fam57b (NM_026884) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam57b (NM_026884) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam57b
Synonyms:	1500016O10Rik; A330104J06Rik; AI413816; AW060769
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210826 representing NM_026884 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCCTGCTCTTCCTGCTGGGGTGTGTCTTCTTCCCACTGTGCTTTGTGGTATTACGCTGGGGGCTGC AGAATCGAACCAGCTTACGGATGGAGAGGCAAGAGGCTGTCTTGGTGGCATCCAAGTTGGTGTCCTCTGT CCAAGCCATCATGGCCTCCACAGCTGGCTACATAGTCTCCACTTCCTGCAAGCACATCATAGATGACCAG CACTGGCTGTCCTCGGCCTATACACAGTTTGCAGTTCCCTACTTCATCTATGACATCTATGCCATGTTCC TCTGCCACTGGCACAAGCACCAGGTTAAAGGGCACGGAGGGGAAGACGGGACGCCCAGAGCCCTGGGCAG CACCTGGGCTGTGGTACGCGGCTACCTGCACAAGGAGTTCCTCATGGTGCTCCACCACGCGGCCATGGTA CTGGTGTGCTTCCCACTCTCAGTGGTGTGGCGACAAGGCAAGGGAGATTTCTTTCTAGGCTGCATGTTGA TGGCCGAGGTCAGCACTCCTTTCGTCTGCCTGGGCAAGATCCTCATTCAGTACAAGCAGCAGCACACGTT GCTGCACAAGGTGAACGGAGCCCTGATGCTACTCAGCTTCCTGTGCTGCCGGGTGCTGCTCTTCCCCTAC CTGTACTGGGCCTACGGGCGCCACGCTGGCCTGCCCCTGCTCTCAGTGCCCATGGCCATCCCGGCCCACG TCAACCTGGGCGCCGCACTGCTCCTCGCACCCCAGCTCTACTGGTTCTTCCTCATTTGCCGCGGGGCCTG CCGCCTCTTCCGACCCCGAGGCTCCCCACCACCCTCTCCTTGTCAGACCCAGGACTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_026884
Insert Size:	828 bp

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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_026884.1, NP_081160.1
RefSeq Size:	1894 bp
RefSeq ORF:	828 bp
Locus ID:	68952
UniProt ID:	Q7TNV1
Cytogenetics:	7 F3
Gene Summary:	Involved in ceramide synthesis. In vitro, isoform 3 stimulates the production of C16-, C18- and C20-ceramides, isoform 1 slightly increases the levels of C18- and C20-ceramides, while isoform 2 exhibits only minimal activity. May interfere with adipogenesis by stimulating ceramide synthesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) includes alternate exons in the 5' UTR and 5' coding region, compared to variant 1. It encodes isoform 2, which is the same length as isoform 1, but has a distinct N-terminus. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.