

Product datasheet for **MC203194**

Fam213b (NM_025582) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam213b (NM_025582) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam213b
Synonyms: 2810405K02Rik; AI836168; PM/PGFS
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC030453
 CCACGCGTCCGCAGAAAGGGACGGAGGAGGCCATGAATGTGGTGGACCTTGGTCGCGTAGGAGCGTGTGT
 CTTGAAACATGCAGTGACTGGGGAGGCTGTGGAGCTGCGGAGCCTATGGCAGGAGAAAGCTTGTGTGGT
 GCCGGTCTGCGACGCTTCGGCTGCATGGTGTGCCGCTGGATCGCCCAGGACCTCAGCAACCTCCGGAGCA
 TCCTGGACCAACACGATGTGCGCCTGGTGGCGTGGGGCCTGAGGCCCTGGGCCTGCAGGAGTTTCTGGA
 TGGTGGTTACTTCTCAGGAGAACTTACCTTGATGAGAGCAAGCAAATCTATAAGGAGCTGGGCTTCAAG
 CGGTACAACAGCTTAAGCATCCTACCAGCTGCCCTGGGAAAACCTGTTCTGTGATGTAGCCTCCAAGGCTA
 AAGCTGTTGGTATCCAGGGGAACCTGTCTGGTACCTGCTGCAAAGTGGAGGGCTGCTGGTGGTCAAGCA
 GGGTGGCGACAAGGACTGTTGCACTTCATCCAGAAGTCCCCGGGTGACTATGTTCCCCAGGAGAATC
 CTGCAGGCCTTGGTATCTCTGCAGAGTTTGTCCAGCAAGCCACCCCAGTGTGATGAAGAGGTGTGTG
 GGAGGTGACACGCACAGCCTGAGGACCCGAGGCATCTGTAACCTGGATGTGTTTGAACACAAAGAAT
 CCCTGTGGAGCCACTGAGCCAGGACGTTGGACCTTGTTCATCTTTCAACAGCAATGAGCCATTAAGTGC
 AGGTCCTGGGCAA

Restriction Sites: RsrII-NotI

ACCN: NM_025582

Insert Size: 606 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).



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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: [BC030453](#), [AAH30453](#)

RefSeq Size: 829 bp

RefSeq ORF: 606 bp

Locus ID: 66469

UniProt ID: [Q9DB60](#)

Cytogenetics: 4 E2

Gene Summary: Catalyzes the reduction of prostaglandin-ethanolamide H(2) (prostamide H(2)) to prostamide F(2alpha) with NADPH as proton donor. Also able to reduce prostaglandin H(2) to prostaglandin F(2alpha).[UniProtKB/Swiss-Prot Function]