

Product datasheet for **MC220511**

Fam13a (NM_153574) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam13a (NM_153574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam13a
Synonyms:	AI462012; D430015B01Rik; FAM13A1; Precm1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220511 representing NM_153574
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTGTGAAATCATGCCGCTGCGAAGCTCACAGGAAGATGAAAGACCTTTATCACCTTTCTATCTGA
 GTGCTCATGTATCCCAAGTCAGCAATGTTTCAACAACCTGGAGAACTCTTAGAAAGAACCATCAGGTCAGC
 AGTAGAAGAGCATCTTTTTGATGTCAGCAACGCTGGAGACCAAAGTTCAGAGGACTCAGAACCCGGACCA
 TCTTCAGCATCTTCTATACCCACCAGGCAGCGAGGGCATCAATTTAAGAAGCAGGATGATGTCTGGCATG
 GTTGCGACAAGGAGCTTATCAACAAGGAGAATATCCCCTCTGGCTTCAGCGGCTGTGCTGAGTGCATCTT
 GAACAGCCAGGAAGCAGAAAGATTCCAGGACGATATTTGTGACTACGTTGGGGAAAGAAGCAAACCCAAG
 CGTCAGAAATCCAGTTCAGGCTTGCCAAGCTCAGTGACAACCACGATGGGGCCCTGAGCATGGAAAGTC
 TCAGTTCCATGCAATCTCAAGAAACACTGGAACCTGAAGCTGCTGAACCGTTATCTTCTGAGAGCAAAGA
 AATTGAAAGAGGGGTAGAGACTCAGCATTGTGAGAACCCACGATGAAGATTCAGGAGCATCCCAGT
 CTATCTGACACCAAAACAGCAGAGGAATCAAGATGGTGAAGATCAGCAGGAGAGCTTTGTCCCAGATATGC
 CCCAGTTGGACCTGACAGCATTGTGCGATGAGAAGACCTGGGAAGAACCATTCTTCTGGCAGCCAGA
 GAATGCAGACTCTGATGAAGCCCGCCTCTCCCCACAGGCCGGCGCCTGATTACCAAGTTTCTGGATGAA
 GACAGCGACCCCATGCTGTCCCCAGGTTCTATGCCTATGGGCAGAGCAGGCAGTATCTGGATGATACAG
 AAGTGCCCTCCTTCTCCCCCAATCCCATTCTTTCATGAGGCGGCGAAGCTCCTCCCTGGGGTCTACGA
 TGACGAGCAAGAGGACCTGACACCAGTGCAGCTCACCAGAAGGATCCAGACCCCTAAAAAGAAGATCCGG
 AAGTTCGAGGACAGGTTTGAAGAAGAGAGGAAGTACAGACCCTCCACAGTGATAAGGCAGCTAATCCAG
 AAGTCTGAAATGGACAAATGACTTGGCCAAATCCGGAACAGCTGAAAGAATCAAACCTGAAGATCTC
 TGAAGAGGACCTCACCCAGGACACGGCAACGAAGTAACACACTCCCCAAGAGTTTGGTTCCAGCTA
 GAAAAAGAAGATGAGAAGAAGCAAGAAGCTGCTGGATAAAGCCATCAGGCCAGTGTGAAGCTACTGG
 AAGGGATACTAAGAAAACCTCAAGAGAAGCGAGTGGAGTCCAGCCGCTCTGAGGACATTAAGGATATGAC
 CAAGGACCAGATTGCTAATGAGAAAGTGGCTCTGCAGAAAGCCCTGCTATACTACGAAAGTATCCATGGG
 CGGCCGGTGACAAAGACTGAGCGTCAGATAATGAAGCCACTGTATGATCGGTACCGACTAGTCAAACAGA
 TCCTGTCCCGGGCCAGCACTGTCCCATCATTGGTTCCCCTCCAGCAAAGGAGAAGCCCTTCGCTGCA
 GCCGATTATCGAGGTGAAACTGCTTCTTCAAGGAGATAAAGGAACAAGAGGAGGGTTCAGAAGAT
 GACAGCTCCACAAAGCCAGACTTTGCTGCACTTTGAAAACAGACTGCAGTGCACATTGCTTTCTGGACC
 AACTTGAAGATGATGCTGATGGATTTATTTACCAATGGATGACAAAATGCCATCGAAATGCAGCCAGGA
 CTCAGGCCTTTCAAACCTCCACTCTGCTCAATACCTGAACTCTTGAATACCTCAGGAAATGAGAGAA
 GAAAAAAAATGATTCGAAAGAACTTCATGATTTTGAAGACAATTTTTTTCAGACAAAATGGGAGAAATG
 TCCAGAAGGAAGACCGTACTCCAATGGCTGAAGAGTACAATGAATACAAGCACATAAAGGCAAAGCTACG
 TTTGCTGGAGGTGCTCATCAGCAAAGAGATTCTGATTGAAATCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3205_h04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_153574

Insert Size: 2082 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).
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_153574.2</u> , <u>NP_705802.1</u>
RefSeq Size:	4300 bp
RefSeq ORF:	2082 bp
Locus ID:	58909
UniProt ID:	<u>Q8BGI4</u>
Cytogenetics:	6 B3