

Product datasheet for **MC201351**

Fam53a (NM_178390) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam53a (NM_178390) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam53a
Synonyms: 2410018C17Rik; 5430419M09Rik; Dntnp
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC028656 sequence for NM_178390
GGCGTCTCAGCACCTTAAGGAAGCAGGAAGTTTGACGAGATATGATGGTCCCTTAAGGGAATCCCAAGAG
CAGATCCTCCCAACGACCTGTGGAAGGTGACTTGGAAAGTCTATTCCGAAGCCACTTTCCTGCGTAGACT
GAGGAGACAAAGCCCTGAAGAGTCTGGAATGGGTCCGCATCTTTAAGTCAGAGCTATAACCCTGAGTTT
TGGCACAGACCTGATGGCTTGAGCCTGCTGATGTCCAGTGTCTGGAAATCCAGTGCCCATAGATGTGGA
CTAAGGAAGAGCCCGCCATGGTCACTCTCATCACAGAGAAGCTGCAGAACCCAGAGTTTGGATGACCTCA
CCCGCAGGGCCTGTGAGGCTGGCCCGTATTCTGCTGAGAAGCTGAACAAAAGTGGCCATTTGTTCCCTTT
GGAGATCAGCGTGGATAAAAAGTCCCTGGAAGGCCCTTACGTGGAGGATGGCCACTGGAAGCCAGGCAGCC
TCAGGCCCTTCTCAGTGGGCCACATGGTGTGTCTCACACCGAAGGTCTCAAGTGGCAGCTGGAATCCC
CAGGGCCCATGGATGTGGCCATTTCTGGACCTCCATGATAGCACAGGGCCACCTGCAGCACCACCAAC
CAAGCGACTGCGGTCCTGTGAGAACCAGAGGAGCTAGCTCGATGCCGCTCCCGTGGCGCCCTGGT
AGCTCCAAGTGTGGACTCCCATCTCCAAGAGGAGGTGCAACAGTGGTGGAGTGCCACACTTCAGTGTCT
GCAGCGGCGTGGCAACCCTACTCTGCAGGGCACTCTAGTCCCTGGCCTACCCAGGAGGCCCTGTGTCAAC
CGCTGGCCCTACCTCACCCCTGACGCCCCCGCCAGCTTCAGCCAGCAGTGGCTTTGTGGATGGCAGTGAG
GGCAGTACAAGCTCAGGCCACCCCTGGCTTTCTACAGGACCCCTGCCATTTTCTCCAGGCGCCGACTGT
CCCTCTACAAGAGCACCTTGTAGATACAGGCGCTTGCCTGCCTCAGCCAGCAGCACCCCACTTCCAC
ACCTGAGCTAGGCCGGCACCATGGCCTGCTCCGGTGCCGCTCACAGCCTTGTGTATTGGATGGGAGGAGG
GTCCGGCGCAAGCGAAGACGGGAGGAGGATGCCAGGTGGACACGCCCGTCTTGGACTTTCTGAAAATGA
CACGGGCTTTAAAAAATCCAAGAGCCTTTGCTCCCTGGACTATGAAGACGATGAGGATGACACCCAGGA
GAAGACTTTGTGTCTCCCGTGTAACTCACAGGGCCTCGTGGGCATCATCACACCGAGCTCTAGCCCA
AGGATTCCAGGCCTGGCCCTGACAGCCCAAGTGTCTGGCGTCAAGGGAGCCAGAGGCCAGCCAGGCCG
AGGGTGGGAGCAGTGGGACCCAGTACTGGGACAGTGCAGGAGAGGAGGGCATCTTCCACTGGACCA
CGGCGACTGGACTTGGAGCAGATTGAGAACAACTGACTTTGGCTGAGCAGGATGACTGTGGTTGCTGTCT
TGTACCTTGGTGCCTGACCAGTGGAAATAACTTGTGTATTATTTGAAAATTGAGGCGTAATTTTGATT
CAGTTTTTCTAAAGAAGTATTTTGCATTTTTATGGCTTCTACAGTTTGAGAGAGCTTCTATTTTGAA
ATGGGTTTCAGAGGCATTCTATTAACATGATTCTGCCTAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	EcoRI-NotI
ACCN:	NM_178390
Insert Size:	1209 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:	BC028656 , AAH28656
RefSeq Size:	1748 bp
RefSeq ORF:	1209 bp
Locus ID:	74504
UniProt ID:	E9PV82
Cytogenetics:	5 B2
Gene Summary:	<p>May play an important role in neural development; the dorsomedial roof of the third ventricle.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 all encode the same isoform (a).</p>