

Product datasheet for SC335612

FAM53A (NM_001297435) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM53A (NM_001297435) Human Untagged Clone
Tag: Tag Free
Symbol: FAM53A
Synonyms: DNTNP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC335612 representing NM_001297435.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTCACACTCATCACTGAGAAGCTGCAGAGCCAGAGCCTGGACGACCTCACCTGCAAGGCGGAGGCT
GGCCCGTTGCAGTATTCTGCGGAAACCCTGAACAAGAGCGGTCGTCTGTTCCCTTTGGAGCTCAACGAC
CAGAGTCCCTGGAAGGTCTTCAGTGGAGGACCGCCGTCAGAAGCCAGGCAGCCACGGGCCCTGATTTTC
TCCTTCTGCCGGCCTGTCTGCTGCCGCTCACACCATGGGTCTTCAGTGGCAGCCACAGTCCCCGCGC
CCAGGCGCAGGCCTGGGTGCAGCCAGCACCGTGGACCCAGTCAAAGCACAGGCTCGTCCACGGCCCCA
CCGACCAAGCGCATTGCCGGTCTTGTGACAACCGAGGAGCTTGTGCGCTGCCGGTCCCCTGGCGC
CCCGGCAGCTCCAAGGTCTGGACTCCAGTCTCAAAGAGCGGTGCGACAGCGGGGAGTGCCACGCGG
CAGGGAAGCCCCGGCGCCGTCCTGCCGAGGAGTGTGTGGTTCGACCGGTCCCACCTCGCCCGCCACG
CCCCGGCCGTCCTCCGCCAGCGCGGCTTCGTGGACAGCAGCAGGGGAGTGCAGGCTCAGGCCCGCTC
TGGTGTTCGCGGAGTCTGCTTGCCTCCACGAGGCGCCCGCTCCCTCTCACAGGAGCGACTCGCG
GGTGCAGGCACTCCCCTGCCCTGGGCCAGCAGCAGCCCCACGTCCACGCTGCGTGGCGGGGCGCCGT
GGGCTGCTCCGGTGCCGCTCACAGCCTTGCCTGCTCAGTGGGAAGAGGAGCCGGCGCAAACGGAGGCGT
GAGGAGGACGCCAGGTGGACAGCCCCATCCTTGGACTTCTGAAAATGACCCAGCCGACAGCTGTGCC
CGCGAGTGCAGTCCCGCTCCGAGGCCCTCGGCGTGAGCTTACAGCATCTGTCGGGTCCGAGCAGTCAG
TCCAGAGGTTCGACTCTGAATGAAAACAAAACCGCGTGGTTTGAATGGAAGGAAACCTGGCCCCGAA
GACTTTAAAAAATTCAAAAAGCCTTTGCTCCCTCAATTACGAAGATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI
ACCN: NM_001297435



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Insert Size:	1083 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_001297435.1</u>
RefSeq Size:	3361 bp
RefSeq ORF:	1083 bp
Locus ID:	152877
UniProt ID:	<u>Q6NSI3</u>
Cytogenetics:	4p16.3
MW:	38.7 kDa
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 (3) differs in the 5' UTR and contains an alternate exon in the central coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>