

Product datasheet for **RN204162**

Fam53a (NM_001107228) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam53a (NM_001107228) Rat Untagged Clone
Tag: Tag Free
Symbol: Fam53a
Synonyms: RGD1563315
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204162 representing NM_001107228
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTCACTCTCATCACGGAGAAGCTGCAGAACCAGAGTTGGATGACCTTACCCGAAGGGCCTGTGAGG
CTGTCCCGTATTCTGCTGAGAACTGGACAAAAGTGGCCATTTGTTCCCTTTGGAGATTGGCGTGGATAA
AAGTCCCTGGAAGGCCTCACATGGAGGATGGCCCTTTCAAGCCGGGCAGCCTCAGGCCCTTCTCAGTG
GGCCACATGGTGTGTCTCATACCGAAGGTCTCAAGTGGCAGCTGGAATCCCAGGGCCCATGGCTGTGG
GCCGCTTCTGGACCTCCGTGAGAGCACAGGGCCACCCGAGCTCCACCAACCAAGCGACACTGCCGGTC
CCTGTCAGAGCCAGAGGAGCTGGCTCGATGCCGTTCCCATGGCGCCCTGGTAGCTCCAAGGTGTGGACT
CCCATCTCTAAGAGGAGATGCAACAGTGGCGGGAGTGCCACGCTGCAGTGTGCAGTGGTCTCGGCAACC
CTGCACTGCAGGGCAGTCTAGCCCCGGCCTACCCAGGAAGCCTGTGTGCGCCACCGGCCCTACCTCACC
GATGACGCCCCGGCCAGCTTCAGCCAGCAGTGGCTTTGTGGATGGCAGTGAGGGCAGTACGAGCTCAGGT
CCACCC**TGGCTT**TCTACAGGACCCTGCCATTTTCCTCCAGGCGCCGACTGTCCCTCTACAAGAGCACC
TTGTAGATGCAGGTGCCTGCCTTCCGCCAGCAGCACCCCACTTCCACACCTGAGCTAGGCCGGCA
CCATGGCCTGCTCCGGTCCGCTCACAGCCTTGTGTGTTGGATGGGAGGAGGGTTCGGCGCAAGCGGAGA
CGGGAGGAGGATGCCAGGTGGACGCGCCATCCTTGGACTTTCTGAAAATGACTCGGACTTTAAAAAACT
CAAAGAGCCTTTGTTCCCTGGACTATGAAGATGATGAGGATGACACCCAGGCGAAGACGGTTGTGTCCCTC
TCCGTGTAACTCGAGGGCCTCGTGGGCATCATCACTCCAGCTCTAGCCCAAGGATTCCAGGCCCTGGC
CCTGCCAGCCCCAGTGTCTGGGCTTCAGGGGAGCCAGAGACTAGCACCGGTGAGGGTGGGAGCAGTGGGG
AACCCAGTGACTGGGACAGTGCAGGAGAGGAGGGCATTTCCTCCGCTGGACCACGGCGACCTGGACTTGA
GCAGATTGAGAACA**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107228
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:	<u>NM_001107228.2</u> , <u>NP_001100698.1</u>
RefSeq Size:	2145 bp
RefSeq ORF:	1209 bp
Locus ID:	305461
Cytogenetics:	14q21