

Product datasheet for MC212013

Sfxn2 (NM_053196) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sfxn2 (NM_053196) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sfxn2
Synonyms: C79732; F630107H02Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212013 representing NM_053196
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGGGATCTGTCTGGCTTAATATTGATGCTCCCCGCTGGGACCAGTGCACCTTCTCTGGGGCGCG
 TGAAGCACTTTTTAACATCACAGATCCTCGACGGTCTTTCATCAGAGCAGGAGCTGGACTGGCCAA
 GGCGGTGGTGGAGAAGAGCAGGATGGGACTTGTGCCCCCTGGCACTCAGATGGAGCAGCTGCTGTATGCG
 AAGAAGCTCTACGACTCGGCCTCCACCCTGACACTGGGAGAAGATGAATGTCATTGGGCGGATGTCCT
 TCCAGGTCCTGGTGGCATGCTCATCACGGCTTCATGCTCCAGTTCTACAGGACAATGCCTGCAGTCAT
 TTTCTGGCAGTGGGTGAACCACTCTTTAATGCCTTGGTCAACTACACCAACAGGAATGCAGCTTCCCCC
 ACGTCTGTGAGCAGATGGCCCTCTCTACTTACAGCTACTACTGCGGTGGCCACTGCAGTGGGCA
 TGAACATGTGGACAAAGAGAGCCCCACCCTTGGTGGGCCGATGGGTGCCTTTTGGCGTGTGGCTGCCG
 TAACTGTGTCAATATCCAATGATGCGACAGCAGGAACATTCAGGGCATCTGTGTGAAGGACAGGAAC
 CAAAATGAGCTTGGCCATTCTCAGAGAGCTGCGGCTGTGGCATCGACAAGTGGTTATCTCTCGGATCA
 CCATGGCAGCCCCTGGCATGATCCTGTTGCCTGTCATCATGGAGAGGCTGGAGAGACTACACCTGATGAA
 GAAGGTCAAAGTATGCACGCCCCCTGCAGGCTTGTGTGTGGCTGCTTCTCCTCTTTATGGTGCCA
 GTGGCGTGGGACTCTTCCCTCAGGAATGTGAATTATCAGTTTCTATCTAGAGCCAGAGCTACGGGACA
 CCATCAAGGCCAAGTATGGAGAACAAGTCTTGTCTACTTTAATAAGGGTCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053196
Insert Size: 969 bp



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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:	NM_053196.3 , NP_444426.3
RefSeq Size:	3228 bp
RefSeq ORF:	969 bp
Locus ID:	94279
UniProt ID:	Q925N2
Cytogenetics:	19 C3
Gene Summary:	Mitochondrial amino-acid transporter that mediates transport of serine into mitochondria. [UniProtKB/Swiss-Prot Function]