

Product datasheet for **MC212014**

Sfxn4 (NM_053198) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sfxn4 (NM_053198) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sfxn4
Synonyms: MGC107253
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212014 representing NM_053198
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACCAACCTGCAGTTCTGGATTTCCGAACGCCAAGCCTTTTTTCGAAGATTTTGTCAGTGGATGG
ATTTATTAGATCCTGTAACATGTTTATTTCAATTGGAAGCATAGAAAAATCACGACAGTTGTTATTTAC
CACTGAAGATGCACCCAAACACTACCTGGATAACCAAGTGATTAAGACGCATGGAATAAGAGTCTTTCA
ACTGTGCACCCTGACAGCAGCAAGTTGATCCCCATCTTTTTCGACCTGCAGCTTTCCTGCCTGTGACAG
CACCCATGGTATTTCTGTTGATGATGCCAGACACTGGAATAAAGTCCATATTTAACTCAGGGTTGCTT
GTATGGATACACCACAGCCTTTAACATCAACATGGAAATGCCAGTTATAGTCATGGACCAGTAGAGAGA
ACATTGTTGGGAGCAGGGGTGCTGTGTCTTCACTTTTCATTGGATTAATTCCTCATCTCTTTCAAATGA
AGTATCCCCGAATAACTTTTGGCTTAAAAGAACCTTGCCAATCGTCTTCTTGCCTAAGTCAGTGGAAAT
GAATGTTTTGCATCCCGCAGTTTTGAAAACATCGAGGAATTGAGGTGATGGATAAGGAAGGCCATGTC
GTAGGCCATTCCAGAAAAGCTGGAAGAAAGGCTATTAAGATACAGCGAAATCCAGAGCAGTGCTGTTTG
GGACCTCAGCCTTGCCCTGAACTCTTTATCCACATCTTTAAAAGGACGAGGTTTTACCCACAGACTCT
GCTGTCACTCGTGATCCTGAGAATGAGTTCACATTCTTTATGATGGGACTGATGGTGCCAGTGTCATTC
AGCATGTTTCCACAGATTGGACAGATCCAGTGCAGTCAGCTTGAAGAGAAGATTCAATCTTCTACAGAAG
AAAAGGAACCTTCTATTACAGAGGGGT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053198
Insert Size: 942 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_053198.3 , NP_444428.3
RefSeq Size:	2731 bp
RefSeq ORF:	942 bp
Locus ID:	94281
UniProt ID:	Q925N1
Cytogenetics:	19 D3
Gene Summary:	Mitochondrial amino-acid transporter (By similarity). Does not act as a serine transporter: not able to mediate transport of serine into mitochondria (By similarity).[UniProtKB/Swiss-Prot Function]