

Product datasheet for MC212015

Sfxn5 (NM_178639) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Sfxn5 (NM_178639) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Sfxn5
 Synonyms: C230001H08Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC212015 representing NM_178639
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGATACAGCAACCACAGCCTCAGCGCGTCCGCGCGGCCAGTGCCCCGAACGCCTCCACAGATG
 CGCCCCTTCCAGCTGGGCAAGCCCCGCTTCCAGCAGACATCCTTCTACGGTCGCTTCAGGCATTCTT
 GGACATCATCGATCCTCGAACACTCTTTGTCAGTGAAGAACTCTCAGAGAGGCTGTGCAACTGCTGGAG
 GATTACAAGCATGGCACCCTGCGCCAGGAGTTACAAATGAACAGCTCTGGAGTGCACAGAAAATCAAAC
 AGGCTATCCTACACCCGGACACCAACGAGAAGATCTTCATGCCTTTCAGAATGTCAGGTTACATTCCTTT
 CGGGACGCCAATTGTGGTGGGACTTCTCTTGCCTAACCCAGACGCTGGCATCCACTGTCTTCTGGCAGTGG
 CTGAACCAGAGCCATAATGCCTGTGTCAACTATGCAAACCGCAATGCTACCAAGCCTTCCACTGCATCCA
 AGTTATCCAGGGCTACCTGGGCGCTGTATCAGTGTCTTCCATTGCTGTGGGCTTAATGTGCTGGT
 TCAGAAAGCAAACAAGTTCACCTCAGCTACTCGCTTCTCGTGCAGAGATTTGTACCCCTCCCTGCAGTA
 GCCAGTGCCAATATCTGCAACGTGGTCTGTATGCGATATGGGGAGTTAGAGGAAGGAATTGATGTCTGG
 ATGCTGATGGCAACCTCGTGGGCTCCTCAAAGATTGCAGCCAGACACGCCCTGCTGGAGACAGCTGTGAC
 ACGTGTGGTCTGCCTATGCCATTCTGGTGTCTCCTCCAATCGTCATGTCCATGCTGGAGAAGACAGCT
 CTCTTGAAGCAGCCCCGGCTACTCCTACCTGTGCATAGCCTGTGCTGCTGGCAGCCTTCGGCCTGG
 CCTGCCGCTGGCCATCAGCCTTTTCCCGCAGATGTAGAGATTGAAACCTCCCAATTGGAGCCTGAGAT
 AGCCCGGGCTACCAGCAGCCGGACAGTGGTGTACAATAAGGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_178639
Insert Size:	1029 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:	NM_178639.4 , NP_848754.1
RefSeq Size:	3654 bp
RefSeq ORF:	1029 bp
Locus ID:	94282
UniProt ID:	Q925N0
Cytogenetics:	6 37.23 cM
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). Transports citrate (By similarity).[UniProtKB/Swiss-Prot Function]