

Product datasheet for **RN208583**

Sfxn5 (NM_153298) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sfxn5 (NM_153298) Rat Untagged Clone
Tag: Tag Free
Symbol: Sfxn5
Synonyms: BBG-TCC; SLC64A5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN208583 representing NM_153298
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGATACAGCGACCACAGCCTCGGCGGCGTCCGCGCGGCCAGTGCCTCGAATGCCTCCTCCGATG
 CTCCCCCTTTCCAGCTGGGCAAGCCCCGCTTCCAGCAGACATCCTTCTACGGTCGCTTCAGGCATTCTT
 GGACATCATCGATCCTCGAACACTCTTTGTCACTGAGAAACGTCTCAGAGAGGCTGTGCAACTACTGGAG
 GATTACAAGCATGGCACGCTACGCCAGGAGTTACCAATGAACAGCTCTGGAGTGCACAGAAAATCAAAC
 AGGCTATCCTACACCCGGACACCAACGAGAAGATCTTCATGCCTTTCAGAATGTCAGGTTACATTCCTTT
 CGGGACGCCAATTGTCGTGGGACTTCTCTTGCCTAACCAGACCCTGGCATCCACTGTCTTCTGGCAGTGG
 CTGAACCAGAGCCATAACGCCTGTGTCAACTATGCAAACCGCAATGCTACTAAGCCTTCACTGCATCCA
 AGTTTATCCAGGGCTACTTGGGAGCTGTATCAGTGTCTCCATTGCTGTGGGCTTAATGTGCTGGT
 TCAGAAAGCAAACAAGTTCACCTCAGCCACTCGCCTTCTCGTGCAGAGATTTGTACCCCTCCCTGCAGTA
 GCCAGTGCCAATATCTGCAACGTGGTCTGTATGCGGTATGGGGAGCTAGAGGAAGGGATTGATGTCTGG
 ATGCTGATGGCAACCTCGTGGGCTCCTCAAAGATCGCAGCCAGACACGCCCTGCTGGAGACAGCTGTGAC
 ACGAGTGGTTCGCCTATGCCATCCTGGTGTCTCCCCGATCGTCATGTCCATGCTGGAGAAGACAGCT
 CTCTTGAAGCAGCCCCGGCTACTCCTACCTGTGCATAGCCTCGTGTGCTGGCAGCCTTCGGCCTGG
 CCTGCCCTGGCCATCAGCCTTTTCCCGCAGATGTCAGAGATTGAAACCTCCCAATTGGAGCCTGAGAT
 AGCCCGGGCTACAAGCAGCCGGACAGTGGTGTACAACAAGGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_153298
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_153298.1 , NP_695210.1
RefSeq Size:	1083 bp
RefSeq ORF:	1029 bp
Locus ID:	261737
UniProt ID:	Q8CFD0
Cytogenetics:	4q34
Gene Summary:	mitochondrial tricarboxylate carrier protein that has citrate transport activity [RGD, Feb 2006]