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Product datasheet for MC224946

Strc (NM_080459) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Strc (NM_080459) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strc
Synonyms:	DFNB16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224946 representing NM_080459
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCTGAGCCTCCAGCCCCAGCTGCTCCTTCTCCTGTCGCTCCTGCCGCAGGAAGTGACTTCAGCCC
CTACTGGGCCTCAGTCTTTGGATGCTGGTCTCTCCCTTCTGAAGTCATTCGTAGCCACTCTGGACCAAGC
TCCTCAGCGTTCCCTCAGCCAGTCACGGTTCTCTGCGTTCCTGGCCAACATTTCTTCATCCTTCCAGCTT
GGGAGGATGGGGGAGGGACCGGTGGGAGAGCCCCCACCTCTCCAGCCCCCTGCACTTCGACTTCATGATT
TCCTCGTGACACTGAGAGGTAGCCCAGACTGGGAGCCAATGCTAGGGCTTCTGGGAGATGTGCTGGCACT
CCTGGGACAGGAACAGACTCCCCGGGACTTTTTGGTGCACCAGGCAGGTGTACTGGGTGGACTTGTAGAG
GCATTGTTGGGAGCGTTAGTTCCTGGAGGCCCCCCTGCCCCCACTCGACCCCCATGCACCCGTGATGGCC
CTTCTGACTGTGTCCTGGCTGCTGATTGGTTGCCTTCTCTGATGTTGTTATTAGAGGGTACACGCTGGCA
GGCCCTGGTGCAGTTGCAGCCCAGTGTGGACCCAACCAATGCCACAGGTCTTGATGGTAGAGAGCCAGCT
CCTCACTTTTTACAGGGTCTGCTGGGCTTGCTTACCCCAGCAGGAGAGTTGGGCTCTGAGGAGGCTCTTT
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CAGGGCTTCCCAGCCTGCGGCTCACATCAGCCCTCGACAGCGGCGAGCCATCTCTGTGGAGGCCCTCTGC
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CCACAACCCCCTCCTAGCACAGCTGTCATCTGCCAGACAGCTGTATGGTACGCAGTCTCGTGGGCACCAG
GTGCCCGAGGTTGGCTCCAAGCCTGCCATGATCAGTTTCCTGATCAATTTCTGGATATGATCTGCGGCAA
CCTCTCATTTTCAGCCCTGTCTGGCCCCAGTCGTCCTTTGGTAAAGCAGCTCTGTGCTGGCTTGCTCCCA
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CCCCCCACTAGCTGTCCACCAGGCCTGATCCCTGTGCCCCTCACCCCAGAAATATTCTGGGGCTGTTTCC
TGGAGAATGAGACACTGTGGGCTGAACGGTTGTGTGTGGAGGACAGTCTGCAGGCTGTGCCCCCGAGGAA
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CCTGCTTCCCCTGCTCCCATTAAAGCTGCTACAGCTGGACGCTGCAGCTCTTCTGGCAAACCGAAGACTC
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TGAGCCTGAGGAATCTGCAGGCTCTGGGCAACTTGGCAGGAGGCATGACCTGCGAGTTTCTGCAGCAGAT
CAGCTCAATGGTTGACTTTCTTGATGTGGTACACATGCTCTACCAGCTGCCCACTGGTGTTCGAGAGAGC
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CAATGATTCCATTATGTTGGTGGTGGAGATGGTCCAAGGCGCTCCAGAGCAGCTGCTGGCACTGACCCCA
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CATTCTACTGTCTCATCTCAGTCAGCTGCAGGGCTTCTGCCTAGGAGAGACATTTGCCACAGAGCTGGGA
TGGCTGCTGTTGCAGGAGCCTGTTCTTGGAAAACCAGAATTGTGGAGCCAGGATGAAATAGAGCAAGCTG
GACGCCTAGTATTCACTCTGTCTGCTGAGGCTATTTCCTCGATCCCCAGGGAGGCTTTGGGCCCAGAGAC
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GATTGCGACCAGAGGAGTTACAGCACATCAGCAGTTGGGAGTTTAGCCAAGCAGCTCTCTTCCTGGGTAG
CTTGCATCTCCCGTGCTCTGAGGAACAGCTGGAAGTTCTGGCCTATCTCCTTGTGTTGCCTGGTGGCTTT
GGCCCAGTCAGTAACTGGGGGCCTGAGATCTTCACTGAAATTGGCACAATAGCAGCTGGCATCCCAGACC

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TGGCTCTTTCAGCATTACTGCGGGGACAGATCCAAGGCCTGACTCCTCTTGCCATTTCTGTCATTCCTGC
TCCCAAGTTTGCAGTGGTCTTCAACCCCATCCAGTTATCTAGTCTCACCAGGGGTCAGGCCGTAGCTGTT
ACTCCTGAACAGCTGGCCTATCTGAGTCCTGAGCAGCGGCGAGCAGTTGCATGGGCCCAACACGAAGGGA
AGGAGATCCCAGAGCAGCTGGGTCGAAACTCAGCCTGGGGTCTCTACGACTGGTTCCAAGCCTCCTGGGC
CCTGGCATTGCCCGTCAGCATTTTTGGCCACCTATTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_080459
Insert Size:	5430 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:	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_080459.2, NP_536707.2
RefSeq Size:	5757 bp
RefSeq ORF:	5430 bp
Locus ID:	140476
UniProt ID:	Q8VIM6
Cytogenetics:	2 E5
Gene Summary:	Essential to the formation of horizontal top connectors between outer hair cell stereocilia. [UniProtKB/Swiss-Prot Function]

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