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Product datasheet for MC223978

Sfi1 (NM_030207) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfi1 (NM_030207) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfi1
Synonyms:	2310047I15Rik; C330046E03; mKIAA0542
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223978 representing NM_030207 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGAAGAAGATTGGTTCCAGGTCTTTTAGGGATGGTGTGGTTAAGAAACCTTGTTCTCCAAAGACCC TGCCCCTCAAAAAGTCTTCTGCCTTCTCTGGGATCCAGAGGGAGCCATCTAGAAGCTGCCACTCTATATA CTATCATGCCTCACAAAACTGGACTCGGTACCGATTACAAGAACTTCGAATCAGGTGTGTGGCCAGAAAG TTCCTGTATTTGTGGATTCGAGTGACTTTTGGAAGAGTGACTCCCTCTAGAGCCAGGATTTTCCATGAGC AGAAAATATTACAGAAGGTCTTCGGAGAATGGAGGGAAGAATGGTGGGTCTCCCAGAGGGAGTGGAAGCT CTGTGTCCGAGCTGACTGTCACTACAGATACTACTTGTACAACCTGATTTTCCAGAACTGGAAGACCTTT GTGCACCAGCAACGGGAGATGAGGAAGAGGTTCCGAATAGCTGAGCATCATGATACGAAGCAGAAGATGT GCCAAGCCTGGAAGTCCTGGTTGATATACATGGTTTCTCGTAGGACCAAACTTCACATGAAGACTACTGC TCTAGAGTTTAGGAGGCAGAGTGTCTTATGTTTCTGGTGGAGCAAGTGGAGGTGGCGACTAGGACAAGCC CATGCAGAGCACGCTCTCCATGCAGTGGCTGTGAAGCACAGGGCCCTGAGCCTCCAGCTGCAGGGTTGGC TGCGATGGCAAGAACAGCTTCTAATTAGCCAGCGAGATAGGAGGAAGGAGGCCACTGCTGTGCAACACTA TCAGCACTGGCAGAAGCAGAGATCTCTGAAGGCTTGGCTTAAATACCTCCAAATCTGCAGGGTGAAGAGA TGGCAGAATGAGATGGCTGTACAATTCCACCGTGCTACTGTGCTCCAGATACATTTCTGTGACTGGCAGT GGGCCTGGGAGTGGAGGCAGAGCTTGTCTGCCCACCAGGCCCTGGTGGTGAAGCTGGCCGGGAGGATGGT CCTGCGGAGGGCCTTTACACACTGGAAGCACTACATGTTGCTACAGGCAGAAGAGGCTGCCCAGCGCGAG GCAGCAGCTGAACACCGCCAGCACTACCTGCTGTATTCTTGCTTTAGAGCCTTCAAAGACAACGTGACCC AGGCCCGACTACAGCAAACAAGAAAGAAGCTTGCTCAGCAGCTGCGTGACACTACATTGCTTCACAGGTT CTGGAACCTCTGGCAGTCTCGAATTGAGCAGAGGGAGGAGAGGGTACAGACCCCCTCATTGCATGCAGCC CTGAGCCACTACAGGGTGACAGTCCTACACAAGTGTGTCAGGGTGTGGCTACGGTATGTGCACAAGAGAC AATGGCAGCAGTTATTGCGGGCCAGAGCAGATGGTCATTTCCAGCAGCGAGCACTGCCTGCTGCCTTCTA CACGTGGTACAGAGGCTGGCTATGGCACCAGCAGAGACGGATCCTGCACACAAAAGCAGTGCGTTTCCAC AGAGGGACATTAGAGAAGCAAGTATTTGCTCTCTGGAGGCAGAAGATGTCTCAGCATCGAGAAAACTGCT

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CGAGGACCTTCACCTAGAAGAGCAGGTGAAAACAGAACTGGAGGAGGTGGAACTACAGGTCCAGCAGCTG
GCTAAGGAGCTTGAGGCCCAGCGTCAGCCTGTTGGTACATGCATTGCTCGTGTTCGGGCCCTGAGACGGG
CACTGTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_030207

Insert Size: 3651 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_030207.2, NP_084483.2
RefSeq Size:	4025 bp
RefSeq ORF:	3651 bp
Locus ID:	78887
UniProt ID:	Q3UZY0
Cytogenetics:	11 A1
Gene Summary:	Plays a role in the dynamic structure of centrosome-associated contractile fibers via its interaction with CETN2.[UniProtKB/Swiss-Prot Function]