

Product datasheet for MC209999

Sfn (NM_018754) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfn (NM_018754) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfn
Synonyms:	Er; Mme1; Ywhas
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209999 representing NM_018754 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGAGAGCCAGTCTGATCCAGAAGGCCAAGTTGGCTGAACAGGCCGAACGGTATGAAGACATGGCAG
CTTTCATGAAGAGCGCCGTGAAAAGGGCGAGGAGCTCTCCTGCGAGGAGCGAAACCTGCTTCCGTAGC
TTACAAGAACGTGGTGGCGGCCAGAGAGCGCCCTGGAGGGTCCGTCCAGCATCGAGCAGAAGAGCAAC
GAGGAGGGGTGAGAAGAGAAGGGCCCGAGGTGAAAGAGTACCGGAGAAAGGTAGAGACCGAGCTCAGAG
GTGTGTGCGACACCGTACTCGGCCCTGCTGGACTCGCACCTCATCAAAGGGGCTGGAGATGCAGAGAGCCG
CGTCTTCTACCTGAAGATGAAGGGTGACTACTACCGCTACCTAGCCGAGGTGGCCACTGGCGATGACAAG
AAGCGCATCATCGATTCTGCCGGTCTAGCCTACCAGGAGGCCATGGACATCAGCAAGAAGGAGATGCCCGC
CTACCAACCCCATCCGCCTGGCCCTGGCCCTGAACTTTTCAGTCTTCCACTACGAGATAGCCAACAGCCC
CGAGGAGGCCATCTCGCTGGCCAAGACCACCTTCGACGAGGCCATGGCCGACCTGCACACCCTCAGTGAG
GACTCCTACAAGGACAGCACCCATCATGCAGTCTCTGAGAGACAACCTGACGCTGTGGACAGCCGACA
GTGCTGGGGAAGAGGGTGGTGGGCTCCGGAGGAGCCCCAGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_018754
Insert Size:	747 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_018754.2 , NP_061224.2
RefSeq Size:	1616 bp
RefSeq ORF:	747 bp
Locus ID:	55948
UniProt ID:	O70456
Cytogenetics:	4 66.25 cM
Gene Summary:	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. May also regulate MDM2 autoubiquitination and degradation and thereby activate p53/TP53.[UniProtKB/Swiss-Prot Function]