

Product datasheet for **MC222563**

Slfn8 (NM_181545) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn8 (NM_181545) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slfn8
Synonyms:	MGC30719
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222563 representing NM_181545
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACACATCCCTCCTTAGCAGTGAATGGTCGTGCCAGACTTGACCATCTACGCAGGAGAAGTGA
 CTATCGGAGAAGAAGATAGAAATAAAATGGACTCAAAGAAAAGAAAGCTGGAGAAGACAAGAATTACAGA
 GGCTGCTTGTGCTCTGTAAACTCTGGAGGAGGATTAATTGCTATGCAATGACTAACAAGAGTGAGCAT
 CCTGTGGAGATGGGACAGGACTTGAAAAAGTCTTTGAGAGAGCTTATTATGTCCCTAATATGCAGGCTT
 TCTTTGAGACCAAGCAACAAGAGGACCAGTTCTACATTTTGTAAATCTTGAGCTGCAGGCTGAAGA
 TGGTTCTACTAAGCCTCGAATTTGCAGCCTGGGCTCTTCTGTACTGTAGATCTATAACTTCTAAGGTT
 GCCATGGATTCAAGAGAAGCATTGAATTTCTGAAAGATAAGAAGGCATGTATCAAAACAGGCCTACTG
 ATGACGGAGCTCCACCGCTAAAATCCGAGAGCCATGTGTGAGAACAGCCTTGAATCAAATCCAGCTTT
 TGAATTTTCCAAAGTAAGAACTTGAATATGGCCAATGCTTGTCTTCTCTGAATCCACATCTATAGAG
 TTTAAACAATTCTCTACCAACACGTCCTCAAGCATATATGAAAAACATAATTCCAGAATACATCTCCGCAT
 TTGCAACACCCAGGGAGGCTATCTTTTCATTGGAGTGGATGATAAGAGAATCATCTTGGGATGCCCAAA
 AGACAACGTTGACCGTACTCTTTGAAACTGTGGCGAATGAAACAATATCCAAGGTGCCAGTTTCCAT
 TTTTGTTCATCTAAAGACAAGGACAAGGTGTCTTATGAGACCAGAGTCATAGATGTGTTTCAAGAGGGAA
 ATTTGTATGGTTATCTCTGTGTGATCAAAGTAGAGCCGTTCTGCTGTGCAGTGTCTCAGAGGCTCCCAT
 TTCATGGATGGTAGACAAGGAGAAAGGTGTCTACAGACTGAACACTGAGGAATGGGTACGCATGATGGTG
 GATTTTGGCCAGAGGCATCTTCCAAGATCTATCTAAAGATTTTGAATGTGAGTGTGATCTATGCAACA
 GCCCCACACTGCAGACAGTGTATTCTAAAAAGGACTGCAGCATAAAGTTGACCTGCAGCAGCGTTT
 ATTTCAAGTGTACCAGACTGTTTAAAGTATACTCCTGAATCTCTCTGGAAGGAGCTGTGTTCCAGCAT
 AAGAGACTAAAGGTTTAGTAAAGCAGCAATACGTTCTTCTCTCTGTGGTTTGTGATCCTCTATAGAA
 GCTGGGCTGTGGACCTGAACCTGAAGGAGAAGCAGGAAGTCATCTGTGATGCTCTGCTGATTGCACAGAA
 TAGCCCCCAATCCTCTACACCATCCTTGGGAGCAGGATGAGCAGGGTCAGGACTACTGCAACCACT
 GCCTTTACTCTGAAGCAGAAGCTGGTGAACACTGGTGGCTACTGGGAGAGTGTGTGTCATGACCAAGG
 TTCTCTGCCTGAGTTCTCAGAACATATTGAGACCAATGGGGCTCAGTCTCTCTATTAATTACCAAG
 TTCCTATAACCTTGCAACATCCAGGAAATGCAGGACTTGCTGCAGGCCCTTGATTGTCTGTCTCAAC
 TTCAGATCTTTCTTGAGCGACAGCTTGGCTGTGAAATTTTGAATCTTCTCACAGCCCAACAGTATGAGA
 TTCTCTCAAAAGTCTCCGCAAAACCAGAGAATATTTGTGCATGGCTTGCCGGGCTCAGGGAAGACAAT
 CATAGCCATGAAATCATGGAAGATCAGAAACACATTTCACTGTGAAACAGATAGTATCCTCTACATC
 TGTGAAATCAGCCATTGAGGGACTTATCCGGGCAAAAAGAATCTGCCAGGCAGTGACCCGGAAAAACCT
 TCATGAATTATAGATTTAAGACAACAGTTTCCAACACATCATTGTTGATGAAGCCAGAAATTTCCGCAC
 TGAGGATGAAACTGGTATGGGAAGGCAAAAGCAATCTCTCGAAGAGTGAAGGTTGCTCTGGAATGTTT
 TGGATATTTCTAGACTATTTTCAGACAGTCATTTGAAGGAGAGTGGCCTCCAGATTTCTCACGCCAGT
 ATCCAAGGGAAGAGCTCACACAAGTAGTACGCAATGGAGATAAAATAGCTGAGTTCTACAAAAAGAGTT
 GCAAAAAATCAGAGATAACCTCCATGCAGCATCCCCGACAGTCCCTAAACATTGTCCATGAATTTAAG
 TGGTCCCAAGTGTATCAGGCAACATTAAGTGAACAATTCATTTGGAAGACATGGTAATCTATGTAG
 CAGATAAGTGTATGATTTCTTGCCTAAAGGCTATTCTCTCAAGATATTGCAGTGCTTTTCAGCACAGA
 TAAGGAGAAGAAAACCTATGAGTCTATGTTCTCGGAGAAATGAGGAAGAGGAGGAGAGCATCTGAGATG
 AATCACGCGTATCTCTGTGATTCTAACATGTTTGACAGCATCCGTCGATTCTCAGGACTGAAAGAAGCA
 TTGTGTTTGGTATCAATCCATTGCAACTGAGCAGCCATTTCCACAACCTATTGCTCTGCCTGGCTTC
 CAGAGCAATGAAACATCTATATCCTGTATTTTCAACTCCTGAGGGGCATAGCTCAACGGAGGCATGC
 TGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_181545
Insert Size:	2733 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_181545.4, NP_853523.2</u>
RefSeq Size:	4011 bp
RefSeq ORF:	2733 bp
Locus ID:	276950
UniProt ID:	<u>B1ARD8</u>
Cytogenetics:	11 C
Gene Summary:	Endoribonuclease that cleaves tRNAs and rRNAs (PubMed:29563550). Cleaves tRNAs 11 nucleotides from the 3'-terminus at the acceptor stem (PubMed:29563550). May be involved in immune system via regulation of inflammation (PubMed:29528433).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.