

Product datasheet for MC218673

Slfn8 (BC024709) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn8 (BC024709) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slfn8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC024709 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAAAGGTTACTTTGAGACAAACAGGATCCAACACATCATTGTTGATGAAGCCAGAATTTCCACACTG
AGGATGGAACTGGTGTGAGAAGGCAAAAGGAATCACTCAAGGAGGAAAGCTTGTCTAGAAATGTTCTG
GATATTTCTGGACTATTTTCAGACCAGTCATTTGAAGGAGAGTGGCTCCCAGATTTGAACTCCAGTAT
CCAAAGGAAGAGCTCACACAAGTGGTACGCAATGGAGATAAAATAGCTGAGTTCCTACAACAAGAGTTGG
GAAAAATCAGAGATAACCCTCCATGCAGCATCCCCGAGCATCCCTAAACATTGTCCATGAATTTAAGTG
GTCCCAAAGTATATCAGGCACCCTTAAGATTAATACTTGACTTCGGAAAAGATGGTAAGCTATGTAGCA
AATAAGTGTGATGTTTTCTTGAGTAAAGGCTATTCACCCCAAGATATTGCAGTGCTTTTCAGCACAGACA
GGGAAAAGAAAGCCTATGAGCATATGTTCTGAGAGAAATGAGGAAGAAGAGGAGAGCATCTCAGATGAA
TGACACGTCTGTCTGTCATTCTAACATGTTTGACAGAATCCGTCGATTCTCAGGACTGGAAGAAGCATT
GTGTTTGGTATCAATCCCATTGCAACTGAGCAGCCATTTCCACAACCTATTGATCTGCCTGGCTTCCA
GAGCAATGAAATATCTGTATATCCTGTATGCTTTAACTCCTGAGGGGCAGAGCTCAACGGTGGCATGCTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC024709
Insert Size:	771 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:	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:	BC024709 , AAH24709
RefSeq Size:	1859 bp
RefSeq ORF:	770 bp
Locus ID:	276950
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]