

Product datasheet for MC214330

Slfn8 (NM_001167743) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn8 (NM_001167743) 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)
Fully Sequenced ORF:	>MC214330 representing NM_001167743 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGACACATCCCTCCTTAGCAGTGAAATGGTCGTGCCAGACTTGACCATCTACGCAGGAGAAGTGA
 CTATCGGAGAAGAAGATAGAAATAAAATGGACTCAAAGAAAAGAAAGCTGGAGAAGACAAGAATTACAGA
 GGCTGCTTGTGCTCTGTTAACTCTGGAGGAGGATTAATTGCTATGCAAATGACTAACAAGAGTGAGCAT
 CCTGTGGAGATGGGACAGGACTTGAAAAAGTCTTTGAGAGAGCTTATTATGTCCCTAATATGCAGGCTT
 TCTTTGAGACCAAGCAACAAGAGGACCAGTTCTACATTTTGTAAATCTTGGAGCTGCAGGCCTGAAGA
 TGGTTCTACTAAGCCTCGAATTTGCAGCCTGGGCTCTTCTGTACTGTAGATCTATAACTCTAAGGTT
 GCCATGGATTCAAGAGAAGCATTGAATTTCTGAAAGATAAGAAGGCATGTATCAAATACAGGCCTACTG
 ATGACGGAGCTCCACCGGCTAAAATTCGAGAGCCATGTGTGAGAACAGCCTTGAATCAAATCCAGCTTT
 TGAAATTTCCAAAGTAAGAACTTGAATATGGCCAATGCTTGCTTTCTCTGAATCCACATCTATAGAG
 TTAAACAATTCTACCAACACGTCCAAGCATATGAAAAACATAATTCCAGAATACATCTCCGCAT
 TTGCAACACCCAGGGAGGCTATCTTTTCATTGGAGTGGATGATAAGAGAATCATCTTGGGATGCCCAA
 AGACAACGTTGACCGTGACTCTTTGAAACTGTGGCAATGAAACAATATCCAAGGTGCCAGTTTCCAT
 TTTTGTTCATCTAAAGACAAGGACAAGGTGTCTTATGAGACCAGAGTCATAGATGTGTTCAAGAGGGAA
 ATTTGTATGTTATCTCTGTGTGATCAAAGTAGAGCCGTTCTGCTGTGCAGTGTTCTCAGAGGCTCCCAT
 TTCATGGATGGTAGACAAGGAGAAAGGTGTCTACAGACTGAACACTGAGGAATGGGTACGCATGATGGTG
 GATTTTGGCCAGAGGCATCTTCCAAAGATCTATCTAAAGATTTTGAATGTCAGCTGAGTCTATGCAACA
 GCCCCCACACTGCAGACCAGTGATTCTAAAAAAGGACTGCAGCATAAAGTTGACCTGCAGCAGCGTTT
 ATTTCAAGGGCAAAAAGAATCTGCCAGGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001167743
Insert Size:	1224 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_001167743.1</u> , <u>NP_001161215.1</u>
RefSeq Size:	3083 bp
RefSeq ORF:	1224 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] Transcript Variant: This variant (2) lacks one exon in the 5' UTR and one exon in the CDS, as compared to variant 1. The resulting isoform (2) is shorter and has a different C-terminus, as compared to 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.