

Product datasheet for **MR203303**

Slfn8 (BC024709) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn8 (BC024709) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slfn8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203303 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAAGGTTACTTTGAGACAAACAGGATCCAACACATCATTGTTGATGAAGCCAGAATTTCCACACTG
 AGGATGGAACTGGTGTGAGAAGGCAAAAGGAATCACTCAAGGAGGAAAGCTTGTCTAGAAATGTTCTG
 GATATTTCTGGACTATTTTCAGACCAGTCATTTGAAGGAGAGTGGCCTCCAGATTTGAACTCCAGTAT
 CCAAAGGAAGAGCTCACACAAGTGGTACGCAATGGAGATAAAATAGCTGAGTTCCTACAACAAGAGTTGG
 GAAAAATCAGAGATAACCCTCCATGCAGCATCCCCGAGCATCCCTAACATTGTCCATGAATTTAAGTG
 GTCCCAAAGTATATCAGGCACCCTTAAGATTAATACTTGACTTCGGAAAAGATGGTAAGCTATGTAGCA
 AATAAGTGTGATGTTTTCTTGAGTAAAGGCTATTCACCCAAGATATTGCAGTGCTTTTCAGCACAGACA
 GGGAAAAGAAAGCCTATGAGCATATGTTCTGAGAGAAATGAGGAAGAAGAGGAGAGCATCTCAGATGAA
 TGACACGTCTGTCTGTCATTCTAACATGTTTGACAGAATCCGTCGATTCTCAGGACTGGAAGAAGCATT
 GTGTTTGGTATCAATCCATTGCAACTGAGCAGCCATTTCCACAACCTATTGATCTGCCTGGCTTCCA
 GAGCAATGAAATATCTGTATATCCTGTATGCTTTAACTCCTGAGGGGCAGAGCTCAACGGTGGCATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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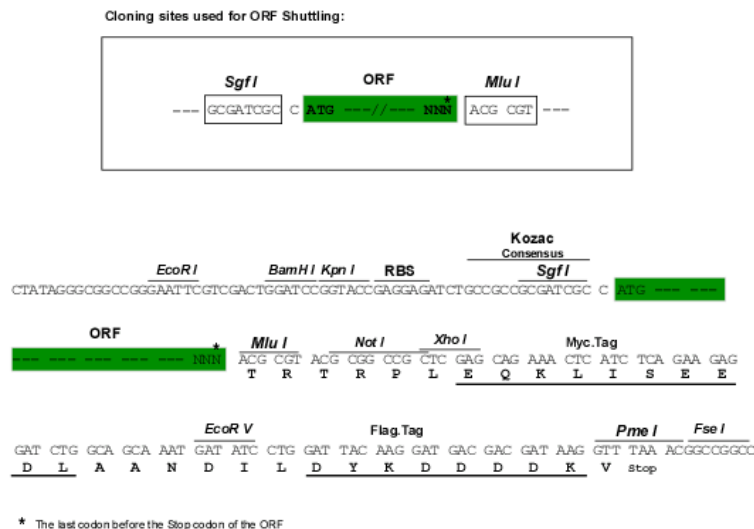
Protein Sequence: >MR203303 protein sequence
 Red=Cloning site Green=Tags(s)

MKGYFETNRIQHIIVDEAQNFTEDGNWCEKAKGITQGGKACPRMFWIFLDYFQTSHLKESGLPDFELQY
 PKEELTQVVRNGDKIAEFLQQLGKIRDNPCCSIPRASLNIVHEFKWSQISGTLKIKYLTSEKMVSYYA
 NKCDVFLSKGYSPQDIAVLFTDREKKAYEHMFLREMRKKRRASQMNDSVCHSNMFDRIIRFSGLERSI
 VFGINPIATEQPISHNLLICLASRAMKYLYILYALTPEGQSSTVAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC024709

ORF Size: 768 bp

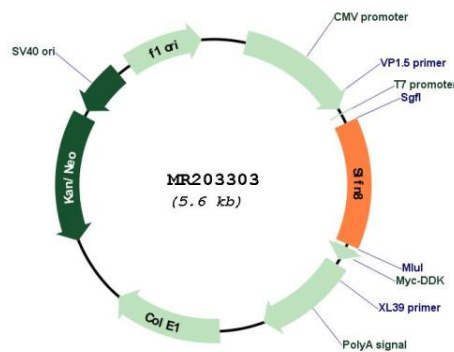
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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>BC024709</u> , <u>AAH24709</u>
RefSeq Size:	1859 bp
RefSeq ORF:	770 bp
Locus ID:	276950
Cytogenetics:	11 C
MW:	68.1 kDa
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]

Product images:



Circular map for MR203303