

Product datasheet for **MC222493**

Slfn14 (NM_001166028) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn14 (NM_001166028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slfn14
Synonyms:	Gm20; Slfn14-ps
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222493 representing NM_001166028

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCTACGCGGAGATCACCGTGAATCTGGGCAAAGTGACGCTGGGAGAAGAGAACAGGAAGAAGATGA
 CCAACAGTTGTTTGAAGGCGATGAGAACTCGAGTCTCGTCCAGGCTGTGTGCGCACTGCTGAATTCTGG
 GGGAGGTGTGATCAAGCCGAGATCAATGACAAAAGCTACAGTTACCGATGCCACGGGCTGGGGCAGGAT
 CTGGAACTTCTTTTCAAGGCTCTCCATCGGGGTACAGAAAGCACCTGGACTACATGCAACAGAAACC
 ACGACCTCTGATTTTGTAAAGTCATGGAGCCAGATGCGTCCAGCCTTCCACTGAGGATTTGCAGCTT
 ACGCTCCAATTTATATCAGAGAGATGTGACCTCAGCCATCAACTTGTGCGCAACGGTGCCTAGAGCTT
 CTCAGAGAGAAAGAGTCTAGAGCCAAAGAGGTACCCCTAGGCTACATTCTCAAGACCACATCTCAACA
 GAACCATTCAGGAAGAGGAAGATATTAAGATGTGTGCTTGAATTTTTAAAAAAGATAAACTCAATTT
 TAAGGAGAAGCTTAGCTTACAGAGTCAACTCACGTTGAGTTTAAAGGTTTACCACCAAAAAGATTGTC
 CCTCGGATTAAAGAGACACTGGCTCATTATGTTTCTGCATTTGCCAATACTCAGGGGGGATACATAATTA
 TTGGGGTGTGATGATAAGAGCAAAGAAAGTGTGGATGTAAAGAAAGAAAAGTGAACCCCGACTCACTAAA
 AACAGAAATAAAAACTGCATAGAAAAGTTGCCACATACCACTTCTGTCTGTGAAAGGCCAAGGTGAAT
 TTCACAACTAAGATTTTGAAGTTTATCAAAAAGAGGCCCTGTATGGTTTTGTCTGTGTTTCAAGTAG
 AGCCCTTCTGTTGTGCTGTTTGCAGAGGACCCAGATTCTGGATCATGGAGAACAATATTGTCACAAG
 GCTGAAGGTTCAACAGTGGGTGGAATGATGCTGGACATTCAGTCAGATCCTTCTCAGGCTTTCCACC
 ATCAATGACAGTGCTCACCTGATGACACCAGCTTTGTCTGCACCAAGAAGACCAGCGTATCTCACAAAAG
 TCCTGGAAACATAAGGAACTCTGCAGCGCCATTTCTTTTCAAGTACACAAGAAAACCTACAATTTACGCC
 AGAATCCCTCTGTAAAGAGCTGTTCTCAGATCAGGAAGGACTGGAAGACTTACTGAAGGCACAGACACAC
 CCTTGTCTCACGGCATTGTGATATTTTCGAGAAGCTGGGCTGGCGATATTGGTTTAATGAGAGAAGAGA
 AGGTCCTATGTATGCACTCCTGGTAGCAGTTGGCAGCCCTCTGGTACTCTATACAATCTAACAGACCC
 CAGTTCGACTGGAAGAGCCGACTATACTCAAAACACCGCCCTTCAGTTAAAGAGGCAGCTACAACTCTT
 GGAGGCTACCCAGGGAATAATGTGTCTTCAAGGGTGTATACCTGGCCAGCAGAGGGTCCAGACCTG
 ATCAACCCCTGTGTACTACCCAGACCTACACACTGTCCAGCAAAGCTGAAGTGGAGGATTTGCTACA
 GGGCTGTGTGTTGTTCTCACTGTGTTCCAGATCTGTGCTGAGTGACAGCTAGGCTGTGAGTTCTCAAG
 CAGTGCTTAGAAGAGCAAGCCACACACTCTCCAGGAACCTCCAGGAAAGCCGGGAACTGTTTCATCCATT
 GCCTTCTGGAACAGGAAGACAGCTCTTGCCATAAAGATGGTGGAGAAAATCAAGGATGTGTTCCACTG
 CAAACCAAAAGAGATCCTCTTTGTTGTGAAAATGACTCCCTAAGGGATTTTGTGATGCAGCAAGTCACC
 TGCCGAGCTGTGACCCGAGGACCTTCATGAGGGAAGAGTTCCCAAGATTAAACACATAGTGATGGATG
 AGACTGAGAACTTCTGCAGTAGACATGGTACTGGTACGTGAAGGCTAAGAGCACCACCCATCCAAAAGC
 AAACGGGGCTGCAATGAACACCTCACCACGGGATCCTCTGGCTTTTCTGGATCCTTTCCAAGTTCGG
 CACGCAGATGGTAGTGGCCTTCCAGTTCCTTCTGCTCAGTTTCTCGGAAAATGATCACCAGTGAGATCC
 ACTGTGCTGTGGAATTGCTAAGGTCTGAAAGATGAAATGAAGAGGATGCAAGAAAACCTCCCTCCAT
 GGGCTTCCAGACACCTGGCAACGTTCCAGGAGGCTCCCTATGAGGAAGCAATGCGTGTGGGGCTTTG
 CCTGGCGTGTGTGAGATCAAGGCTAACCTGACACCAGAAACAAATAGCCAATATGTGGCAGAAAAATGTC
 ACAGCCTGTTTCTGAGGGCTATCTGCCCAAGACATAGCAATTCTGTACAGGAGACGAGAAGACAGAGG
 ACAGTATAAGGATGTGTTGCTAAAAGCAATGGCCCGTGGGACAACGGAGGTGCGCTTCAACAGCGCTGCT
 GATGTTTGTGCTGATGGCATCATTTAGACAGTGTAGAAGAGTTCTCAGGCATGGTAAGGAATATTGTGT
 TTGGGCTTTGCCCTGAATCTGTGCACTCAGAAGGCGTTCATAAACTCTGCTTTGCCTCAAAGCCATTAA
 ACACCTCTACCTGCTGTATGGAGGAAGGACAGCTTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001166028

Insert Size:	2700 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_001166028.1, NP_001159500.1</u>
RefSeq Size:	3704 bp
RefSeq ORF:	2700 bp
Locus ID:	237890
UniProt ID:	<u>V9GXC1</u>
Cytogenetics:	11 C
Gene Summary:	Protein SLFN14: Shows no ribosome-associated and endoribonuclease activities. [UniProtKB/Swiss-Prot Function]