

Product datasheet for **MC222405**

Slfn5 (NM_183201) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn5 (NM_183201) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slfn5
Synonyms:	A1956840
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222405 representing NM_183201
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTTCTGGAGATTGGAACTGAACTTTCGCGAATGTATACAAGATGGAGGAAAAGCGACCTTG
 GGGTTAGGCAAAGGGAGGAAATGGATACACACACTGCATGAAACAGAAGCAAATCATCTCGCAAGCCGT
 GTGCGCTCTGCTGAATCCGGTGGCGGAGTGGTCAGGGTTGAGATTGAGAACGGAGACTATAATTTTGAG
 AGGGATGGAGTTGGCTTGAATCTGCCACCATTGTTGAGAAACATTTAGACGAGATGCTGTATGGAAAGC
 TCTTTTAAATATGTGAGTTCGTGGGACGTGGCAGCCTCTCACGTGAGGCTCGTACCCTGTGCTCCAA
 TTTGTACCACAGATGTGGAACATTTACTGAGGTGATGGATCCTGAAAAAGCCCTGAAATTCCTCAAAGG
 GTCCAGGATCCTAGGATCTTGGTACTCTGACTCGTAAATCTACAGGAAGCTCCTGTAGATGACGCTC
 AGATGATCTTAGCTTCTGATTTGTTTCATAGCCCGCAGCTCCAGTACCTGGAAAACTCACTTCACAAA
 GTCCTCACACGTTGAATTTCAAATGTTCTCGGCAGACCTTCCCAGGGCATTAGAGAGAGACTTCCAAG
 TGTGTTTCTGCACCTTGCCAAATCTGAAGGGGGCTATGTGTTTTTGGTGTGCATGATGAGACCCGTCATG
 TCATTGGATGTGAAAAGGAAAAGATAAATTGTACCAACTTGAAATCTACTATCGATGCCTGTATCAGGAA
 GATGCCTGTCTACCATTCTGTGGACAAAACCAAAAGTGCAATATGAGCTTAAATTCCTTGAAGTGTAT
 GATAAGGAGGCCCTCCATGGGTATGTCTGTGCAATCAAGGTGCAACGATTCTGCTGTGCAGCATTGGCCA
 AAGCGCCCGATTCTGGGAGATAAAGGACAATAAAGAAGCCGCTAACTGCGAATGACTGGGCCTCTCG
 GATGATAGAAATCAACCCAGACCTTCCAGTTCCCTCAGATGATCCCTGGAAGAGTATGTTAAACACC
 ACACCTGCAGCAAGACCGTGTTCACACATAAATTTGAAATGTGTGGAAGACCTTCGAGAGGATTACT
 TTCCAGTGTACCCAACAGGATTACATATACTCCAGAGAGCGTCTACAAGGACCTTTCGAGACTCAG
 AGGACTAAGAAACTTAATAAATATGGAATGCGCTGTTTCTCTCAAGGGATATTGATCTTCTCCACAGC
 TGGGCTGTAGATCTAGGTCTTCCAGAGGAGCAAGATGTCATCTGTGACGCTCTTCTGATTTCCCGAACA
 ACGTTCCAATCTGTACACCATTGCAACAAGTGGGATCTGGGGAACAGGCACTATTCCATGAAAGTTGC
 CCGTACCCTGAAGCAGAAGCTGGTGAACATGGGTGGCTACCCTGGAAGATTAGGCATCATTCCCTTGGTC
 TTACCCTGGGTTCTACCAAAGAGTAAGGAATGACTTAGAAATGCCAGTGTACCCCGAATCCTATAACT
 TCATAACCACACAGCAGGTGGAAGCTCTGTTGCAATCTCTGTGATCATCTTGTGGGTTCCAGACCCCT
 GTTAAATGAAGAGTTAACTTGGAGTCTGAGACTGTGGCCCTGCTCTCAGACCAACAGTACGGGTTGCTT
 TCAACTAACCTGAGCAAGCACAGAGAGATGTTTGTTCACGGCTTACCTGGATCAGGGAAGACCCTAG
 CTCTCATGATCGTGGGAAGATCAGGAATGTGTTCAACTGTCAAGCTGACAACTTCTTTACATCTGTGA
 GAACAGTCTTGAAGAGGTTTATTGTGAGGAAAAACGTTTGCCAGGCAGTGACACGGAAAACTTCATG
 AAAAATACCTTTGATAATGTGCAACATATCATCGTGGACGAAGCTCAGAAATTTCCGAACGGAGGACGGGA
 ACTGGTACGCAAAGGCCAAAGCCATCACTCAGAGAGCGAGAGATGGCCCAGGAGTTCTCTACATTTTCT
 GGATTACTTTTCTAGATCAATCACTTGTGTGAGTGGCCTCCCTGAGCTCCAACACCAGAAGCCGTTATTG
 AAGCTCACCAGAATGCTCCGACGCGGAGACAACATAACCAGCTACCTCAGGATAAATGCATCAAATCA
 GAGAAAATCCTCCCCAAATGTCCCCAAGAAGCCTTGATGGTGGTGAAGAATTGAATGGGTTCCAGA
 TGTACAGGCACTTAGAGATTACTGATAACTTGAATTTGGAGCAGATGTCAGTCTATGTAGCAGAGAAA
 TGCCAGAGTCTTTGGAGTCTGGCTATTTACGGATGTTGCTGTTCTTTCACTAGAGCCAGAGATATAG
 AAAAATGTAGAGACAAGCTTCTGTAGCAATGAGGAGGAGGTCCATGTCTCAGCTCGCTGAGGAGCCAG
 TTTACTAGTGCAGGTGAGGAGGGGTTGGATAGTCTGGGTAGTACGTCGTGTTGGAGAGTGTCCACCGA
 TTTTCAGGCATGGAAAGAAGTATTGTGTTGGGATCATTCCAATGGGATCTGAGACGGCCATTTTCTACA
 ATGCTCTGCTCTGCTGGCTTCCAGGGCAAGGACACATCTGTATATTGTAAGGTTGTGTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_183201
 Insert Size: 2655 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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.

RefSeq: [NM_183201.4](#), [NP_899024.3](#)

RefSeq Size: 5989 bp

RefSeq ORF: 2655 bp

Locus ID: 327978

UniProt ID: [Q8CBA2](#)

Cytogenetics: 11 C

Gene Summary: May have a role in hematopoietic cell differentiation.[UniProtKB/Swiss-Prot Function]