

Product datasheet for **SC100028**

SLFN5 (NM_144975) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLFN5 (NM_144975) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLFN5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC100028 sequence for NM_144975 edited (data generated by NextGen Sequencing)

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ATGAGTCTTAGGATTGATGTGGATACAACTTTCTGAGTGTGTTGTAGATGCAGGAAAA
GTCACCCTTGGGACTCAGCAGAGGCAGGAGATGGACCCTCGCCTGCGGGGAGAAACAGAAT
GAAATCATCTCGCAGCAGTATGTGCTCTGCTGAATTCTGGTGGGGGCATAATCAAGGCT
GAGATTGAGAACAAGGCTACAATTATGAACGTCATGGAGTAGGATTGGATGTGCCTCCA
ATTTTCAGAAGCCATTTAGATAAGATGCAGAAGGAAAACCACTTTTGGTTTTTGTGAAA
TCATGGAACACAGAGGCTGGTGTGCCACTTGCTACCTTATGCTCCAATTTGTACCACAGA
GAGAGAACATCCACCGATGTCATGGATTCTCAGGAAGCTCTGGCATTCTCAAATGCAGG
ACTCAGACTCCAACGAATATTAATGTTTCCAATTCATTAGGTCCACAGGCAGCTCAGGGT
AGTGTACAATATGAAGGTAAACATAAATGTGTCAGCTGCTGCTTTATTTGATAGAAAGCGG
CTTCAGTATCTGGAAAACTCAACCTTCTGAGTCCACACATGTTGAATTTGTAATGTTT
TCGACAGACGTGCACACTGTGTTAAAGACAGACTTCGGAAGTGTGTTTCTGCATTTGCA
AATACTGAAGGAGGATATGTATTTTTTGGTGTGCATGATGAGACTTGCAAGTATTGGA
TGTGAAAAAGAGAAAATAGACCTTACGAGCTTGAGGGCTTCTATTGATGGCTGTATTAAG
AAGCTACCTGTCCATCATTTCTGCACACAGAGGCTGAGATAAAATATGCCTTAACTTC
CTTGAAGTGCATGATAAGGGGGCCCTCCGTGGATATGTCTGTGCAATCAAGGTGGAGAAA
TTCTGCTGTGCGGTGTTTGCCAAAGTGCCTAGTTCCTGGCAGGTGAAGGACAACCGTGTG
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GTGTGCATTCATAAGAATTCGGAATGTCTGAAAGAGCAGCAGAAACGCTACTTTCCAGTA
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AAAGACTCAGAGACTTAATAAATACAGAAATGCGCCCTTCTCTCAAGGAATATTGATT
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GCTCTTCTAATTTCCAGAAACAACCCCTATTCTCTACACCATCTTCAGCAAGTGGGAT
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ATGACCCCCAGCACATGGAAGCCCTGTTACAGTCCCTCGTGATAGTCTTGCTGGGTTT
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TATGAGTTGCTTTCAAAGAACCTTCGCAAGACCAGAGAGTTGTTTGTTCATGGCTTACCT
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TGTGAACCGGCTAACATTCTCTACATCTGTGAAAACCAGCCCTGAAGAAGTTGGTGAGT
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ATCTTTCTGGACTACTTTAGACCTATCACTTGAGTTGCAGTGGCCTCCCCCTCCCTCA
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TCCCTGGTGATGCTCTATGAACCTAAATGGGCTCAAGGTGTCCAGGCAACTTAGAGATT
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GAGGAGTCTGATCTGTTACTACAGATCGGTGATGCGTCCGATGTTCTAACCGATCACATT
GTGTTGGACAGTGTCTGTCGATTTTCAGGCCTGGAAAGAAATATCGTGTGGAAATCAAT
CCAGGAGTAGCCCCACCGCTGGGGCTACAATCTTCTGCTCTGTTTGGCTTCTAGGGCA
AAAAGACATCTGTATATTCTGAAGGCTTCTGTGTGA

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Clone variation with respect to NM_144975.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144975 unedited
 NNGGTCGGATTTGTAAACGACTCACTATAGGCGGCCGCGNAATTCGCACCAGCCGTTGCC
 TGCTCCCGNAGGAGACGCGCTGCCGAGGAGAACCAGCGGGAGAACATTTTCAGGATAGG
 AATAGGCCAAGTCTGAGAAGATGAGTCTTAGGATTGATGTGGATACAACTTTCTGAG
 TGTGTTGATAGTCAGGAAAAGTCAACCTTGGGACTCAGCAGAGGCAGGAGATGGACCT
 CGCTGCCGGGAGAAACAGAATGAAATCATCCTGCGAGCAGTATGTGCTCTGCTGAATTC
 GGTGGGGGCATAATCAAGGCTGAGATTGAGAACAAGGCTACAATTATGAACGTCATGGA
 GTAGGATTGGATGTCCTCCAATTTTCAGAAGCCATTTAGATAAGATGCAGAAGGAAAAC
 CACTTTTTGATTTTTGTGAAATCATGGAACACAGAGGCTGGTGTGCCACTTGCTACCTTA
 TGCTCCAATTTGTACCACAGAGAGAGAATCCACCGATGTCATGGATTCTCAGGAAGCT
 CTGGCATTCTCANATGCAGGACTCAGACTCCAACGAATATTAATGTTTCCAATTCATTA
 GGTCCACAGGCAGCTCAGGGTAGTGTACAATATGAAGGTAACATAAATGTGTCAGCTGCT
 GCTTTATTTGATAGAAAGCGCTTCAGTATCTGGAAAACTCAACCTTCTGAGTCCACA
 CATGTTGAATTTGTAATGTTCTCGACAGACGTGCACACTGTGTTAAAGACAGACTTNCG
 AAGTGTGTTTCTGCATTTGCAAATACTGAAGGGAGATATGTATTTTTTGGTGTGCATGAT
 GAGACTTGTCAAGTGATTGGATGTGAAAAAGAGAAAATAGACTTACGAACCTTGAGGGCTT
 CTATTGATGGCTGTTTTAAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_144975 unedited
 TTAAGTTCAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAAAAAGCTTTAAAA
 TATAGGGATCAAAAACACTAATGTCGTTAAAAGAAAAAGCAGAAAATAATAAAGTAATAT
 AATGGGGTCTTGCAAAAACAGTCTGGGATCTTACATTTCAAACATGTCTTGCCCGTTC
 CCGGCACCTACAAGGCCAGATGAGCTACCTGCTCCATCCTTACATTCTCGCTGCACGTC
 CCATTCAGCTCTTCTGCAAGTGGCCATGTTAAAAATTTATAAAAATATCCGAGTCTGCC
 TGGCACGCTCAAAGATTCTCATGACAAGTCTTCCCTCACTGAGCACTTCCCTGACCACC
 CAAAATAATCACCCCTCCATCTACCTACACACATGTGCACGTGCGCGCGCGCACACA
 CACACACACACACACACACATCTCTGAGTCTCACGGTCTCTAATTACTGATATCC
 CTTTTTACCATGGGAAAATCCTTGGCTATCTGNGTATTTGNCAGGGGTCGGTCTCTGGCC
 TAAAGAGAGAATCTTACATCGATTGTTTCAATCCCCAGCACCTAGGAAAGTATGTGAC
 CTANTAAGTGAGTGGGTGCTTACATGTTTGGATTAATGGTTTTACAGGTAATTAGAGAT
 GAAAACCCCTTATTTGTTCTTAAGCCTGGGTTTCTGTCCCAAGAAACCTTAAATTA
 CAGAAGTCTTTTTGGCCCTAAAACCAAACAGAACAAAATTATGGTAGCCCCACCCGGGG
 GGGCTACTCCGGATTGGATCCAAAAACGATTTTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_144975

Insert Size:

3500 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:	<ol style="list-style-type: none">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:	<u>NM_144975.2</u> , <u>NP_659412.2</u>
RefSeq Size:	4311 bp
RefSeq ORF:	2676 bp
Locus ID:	162394
UniProt ID:	<u>Q08AF3</u>
Cytogenetics:	17q12
Domains:	AAA_div
Gene Summary:	May have a role in hematopoietic cell differentiation.[UniProtKB/Swiss-Prot Function]