

## Product datasheet for **MR215979**

### **Slfn5 (NM\_183201) Mouse Tagged ORF Clone**

#### **Product data:**

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



[View online »](#)

ORF Nucleotide  
Sequence:

>MR215979 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAGTTTCCTGGAGATTGGAACTGAACTTTCGCGAATGTATACAAGATGGAGGAAAAGCGACCTTG  
GGTTAGGCAAAGGGAGGAAATGGATACACACACTGCATGAAACAGAACGAAATCATCTCGCAAGCCGT  
GTGCGCTCTGCTGAATCCGGTGGCGGAGTGGTCAGGGTTGAGATTGAGAACGGAGACTATAATTTTGAG  
AGGGATGGAGTTGGCTTGAATCTGCCACCATTGTTCAGAAACCATTAGACGAGATGCTGTATGGAAAGC  
TCTTTTAAATATGTGAGTTCGTGGGACGTGGCAGCCTCTCACGTGAGGCTCGTACCCTGTGCTCCAA  
TTTGTACCACAGATGTGGAACATTTACTGAGGTGATGGATCCTGAAAAAGCCCTGAAATTCCTCAAAAGG  
GTCCAGGATCCTAGGATCTTGGTACTCTGACTCGTAAATCTACAGGAAGCTCCTGTAGATGACGCTC  
AGATGATCTTAGCTTCTGATTTGTTTCATAGCCCGCAGCTCCAGTACCTGAAAAACTCACTTCACAAA  
GTCCTCACACGTTGAATTTCAAATGTTCTCGGCAGACCTTCCCAGGGCATTAGAGAGAGACTTCCAAG  
TGTGTTTCTGCACCTTGCCAAATCTGAAGGGGGCTATGTGTTTTTGGTGTGCATGATGAGACCCGTCATG  
TCATTGGATGTGAAAAGGAAAAGATAAATTGTACCAACTTGAAATCTACTATCGATGCCTGTATCAGGAA  
GATGCCTGTCTACCATTCTGTGGACAAAACCACAAAGTGCAATATGAGCTTAAATTCCTTGAAGTGTAT  
GATAAGGAGGCCCTCCATGGGTATGTCTGTGCAATCAAGGTGCAACGATTCTGCTGTGCAGCATTGGCCA  
AAGCGCCCGATTCTGGGAGATAAAGGACAATAAAGAAGCCGCTAACTGCGAATGACTGGGCCTCTCG  
GATGATAGAAATCAACCCAGACCTTCCAGTTCCCTCAGATGATCCCTGGAAGAGTATGTTAAACACC  
ACACCTGCAGCAAGACCGTGTTCACACATAAATTTGAAATGTGTGGAAGACCTTCGAGAAGGATTACT  
TTCCAGTGCACCAACAGGATTACATATACTCCAGAGAGCGTCTACAAGGACCTTTCGAGACTTCCAG  
AGGACTAAGAACTTAATAAATATGAAAATGCGCTGTTTCTCTCAAGGGATATTGATCTTCTCCACAGC  
TGGGCTGTAGATCTAGGTCTTCCAGAGGAGCAAGATGTCATCTGTGACGCTCTTCTGATTTCCCGAACA  
ACGTTCCAATCTGTACACCATTGCAACAAGTGGGATCTGGGGAACAGGCACTATTCCATGAAAGTTGC  
CCGTACCCTGAAGCAGAAGCTGGTGAACATGGGTGGCTACCCTGGAAGATTAGGCATCATTCCCTTGGTC  
TTACCACTGGGTCTCACCAAAGAGTAAGGAATGACTTAGAAATGCCAGTGTACCCCGAATCCTATAACT  
TCATAACCACACAGCAGGTGGAAGCTCTGTTGCAATCTCTGTGATCATCTTGTGGGTTCCAGACCCT  
GTTAAATGAAGAGTTAACTTGGAGTCTGAGACTGTGGCCCTGCTCTCAGACCAACAGTACGGGTTGCTT  
TCAACTAACCTGAGCAAGCACAGAGAGATGTTTGTTCACGGCTTACCTGGATCAGGGAAGACCCTAG  
CTCTCATGATCGTGGGAAGATCAGGAATGTGTTCAACTGTCAAGCTGACAACATTCTTTACATCTGTGA  
GAACCACTCTTGAAGAGGTTTATTGTGAGGAAAACGTTTGCCAGGCAGTGACACGGAAAACCTTCATG  
AAAAATACCTTTGATAATGTGCAACATATCATCGTGGACGAAGCTCAGAAATTTCCGAACGGAGGACGGGA  
ACTGGTACGCAAAGGCCAAAGCCATCACTCAGAGAGCGAGAGATGGCCCAGGAGTTCTCTACATTTTCT  
GGATTACTTTTCTAGATCAATCACTTGTGTTGAGTGGCCTCCCTGAGCTCCAACACCAGAAGCCGTTATTG  
AAGCTCACCAGAAATGCTCCGACGCGGAGACAACATAACCAGCTACCTCAGGATAAATGCATCAAAATCA  
GAGAAAATCCTCCCCAAATGTCCCCAAGAAGCCTTGATGGTGGTGAAGAACTTGAATGGGGTCCAGA  
TGTCACAGGCACTTAGAGATTACTGATAACTTGAATTTGGAGCAGATGTCAGTCTATGTAGCAGAGAAA  
TGCCAGAGTCTTTGGAGGTCTGGCTATTTACGGATGTTGCTGTTCTTTTCACTAGAGCCAGAGATATAG  
AAAAATGTAGAGACAAGCTTCTGCTAGCAATGAGGAGGAGGTCCATGTCTCAGCTCGCTGAGGAGCCAG  
TTTACTAGTGCAGGTGAGGAGGGGTTGGATAGTCTGGGTAGTACGTCGTGTTGGAGAGTGTCCACCGA  
TTTTCAGGCATGGAAAGAAGTATTGTTTTGGGATCATTCCAATGGGATCTGAGACGGCCATTTTCTACA  
ATGCTCTGCTCTGCTGGCTTCCAGGGCAAGGACACATCTGTATATTGTAAGGTTGTGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR215979 protein sequence  
 Red=Cloning site Green=Tags(s)

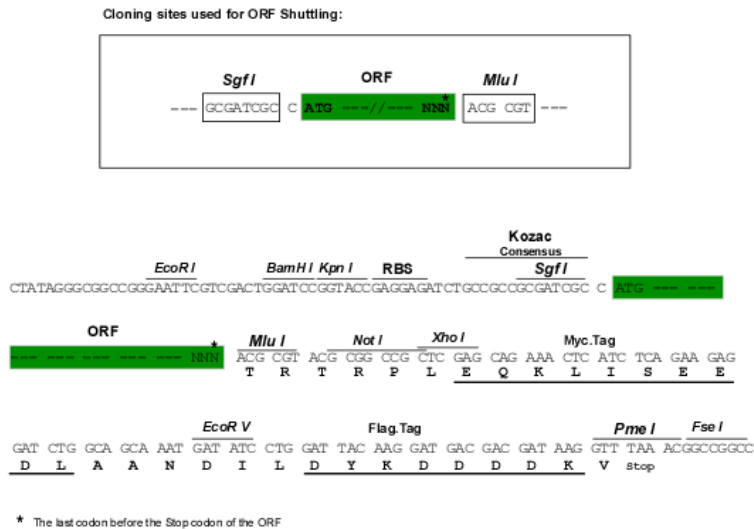
MSFLEDLELNFAECIQDGGKATLGVRQREEMDTTHCMKQNEIISQAVCALLNSGGGVVVEIENGDYNFE  
 RDGVGLNLPPLFRNHLDEMLYGKLFLLIYVSSWDVAASHVRLATLCSNL YHRCGTFTEVMDPEKALKFLKR  
 VQDPRI LGSDSLNLQEAPVDDAQMILASDLFHSPQLQYLEKLNFTKSSHVEFQMF SADLSQGIRERLPK  
 CVSALANSEGGYVFFGVHDETRHVI GCEKEKINCTNLKSTIDACIRKMPVYHF CGQNHKVQYELKFLEVY  
 DKEALHGYVCAIKVERFCCAFAKAPDSWEIKDNNKKPLTANDWASRMIEINPDLSSFPQMIPWKSMLNT  
 TPCSKTVFTHKYLKCVEDLQKDYFPVSPNRITYTPESVYKDLFADYRGLRNLINMEMRCFSQGILIFSHS  
 WAVDLGLQRRQDVICDALLISPNNVPILY TICNKWDLGNRHYSMKVARTLKQKLVNMGGYPGRLGIPLV  
 LPLGSHQVRNDEMPVY P ESYNFITTTQVEALLQSLV IILFGFRPLLNEELNLESETVALLSDQQYGLL  
 STNLSKHREMFVHGLPGSGKTTLALMIVGKIRNVFNCAQADN ILYICENQSLKRFIVRKNVCQAVTRKTFM  
 KNTFDNVQHIIVDEAQNFRTE DGNWYAKAKA I TQRARDGPGVLYIFLDYFQINHLCCSGLPELQHQP  
 LKLRMLRSGDNITSYLQDIMHQIRENPPPNVPQEALMVGEELWGP DVTGNLEITDNLNLEQMSVYVAEK  
 CQSLWRSGYFTDVAVLFTRARDIEKCRDKLLLAMRRRSMSQLAEEP SLLVQVREGLDSL GSHVVLESVHR  
 FSGMERSIVFGIIPMGETAIFYNALLCLASRARTHLYIVKVV F

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

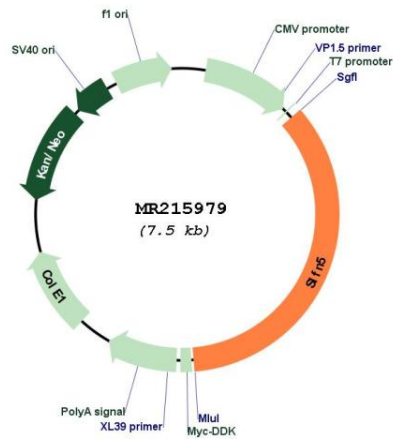
SgfI-MluI

**Cloning Scheme:**



<b>ACCN:</b>	NM_183201
<b>ORF Size:</b>	2655 bp
<b>OTI Disclaimer:</b>	<p>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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_183201.4</a></u> , <u><a href="#">NP_899024.3</a></u>
<b>RefSeq Size:</b>	5989 bp
<b>RefSeq ORF:</b>	2655 bp
<b>Locus ID:</b>	327978
<b>UniProt ID:</b>	<u><a href="#">Q8CBA2</a></u>
<b>Cytogenetics:</b>	11 C
<b>MW:</b>	100.8 kDa
<b>Gene Summary:</b>	May have a role in hematopoietic cell differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215979