

## Product datasheet for **MG205020**

### Slfn1 (NM\_011407) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn1 (NM_011407) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slfn1
Synonyms:	AV316259
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205020 representing NM_011407 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACATCACCGATGAAGGGACCCCTGTGCTGATTCTAAATGCAGGAGGGATCACACTTGGGACAGAAA  
GTAGGAAAACCATGGAGAATCATGACAGGGTAGAAGAGAACAGGAACATTACAAAAGCTCTGTGTCTCT  
GATTAATTCTGGAGAGGGAAAGGTCAAGGCTCACATTAATAATCCAGACTACATTTTGTCTAAACATGGA  
ATAGGAGAAGATTTGAAACCTCTTTCAAGAACATTTTGCCATCTAGGCCCTAGACTTTAAGCAATATC  
AATCCTACTTTTTCATCTGTGTAGAAAAATCACAGAGTCCAGATGTCTCTGTTGGGAAGCCTGCCACCAT  
TGCAACCAATTTGTACATGAGAAATGGGCATCATCAGTTGAAATGAACTTGGATGCTGCTCAGAAGTTC  
TTAGACAATATCAAGGTTGCAGGAGGAAGTTCGCCTTCAGCAAGGCCTTCAGATAGGCCAGGCGATGATA  
CGCAAGAGGAAGGCCACATTCAGGAGTTGGCTGCTGCTTTTTTAAACAGTCAAACTTACAAAAGAAGGA  
AAATTTCTTATTTAGTGAATCCAAAAATGTTGAATATAAATCCTTTGAAACAAAAAGTTGCTACAACGA  
GTTAAAGAGATTTCCCTCGAAGTGTCTGCCTTTGCCAACTGACGGGGGATATTTGTTTATTGGTT  
TAGATGAAAAAAGCAGGAAATAGTTGGTTTTGAAGCAAAGAATTGCCAGCCTAAGTGCTTAGAGAGTGA  
AATAGAAAAGTGCATCCAACAGCTGCCTGTCACCTACTCTGTGAGGAGAGGGAGAAGATCAAGTACAAG  
TGCAAATTCATCGAAGTCCAGATTCCGGAGTTGTGTAAATATGTGTGCGCTCAGAGTGGAGAGGT  
TCTGTGCGCAGTGTGCTGTCAGAGCCCGAGTCTGGCCATGAAAGATGGTGGTGTAAAAGGTTTAC  
CATAGAGGAATGGATCAAGCTCCTCATGTCT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205020 representing NM\_011407  
 Red=Cloning site Green=Tags(s)

MNITDEGTPVLILNAGGITLGTESRKTMENHDRVEENRNITKALCALINSGEGKVKAHIKNPDIILSKHG  
 IGEDLETSEFKNILPSRPLDFKQYQSYFFICVEKSQSPDVSVGKPATIATNL YMRNGASSVEMNLDAAQKF  
 LDNIKVAGGRSPSARPSDRPGDDTQEEGHIQELAAAFFKQSKLTKKENFLFSESKNVEYKSFETKLLQR  
 VKEILPRTVSAFANTDGGYLFIFGLDEKKQEIVGFEAKNCQPKCLESEIEKCIQQLPVTHFCEEREKIKYK  
 CKFIEVHDSGVVCKYVCALRVERFCCA VFAAEPESWHMKDGGVKRFTIEEWIKLLMS

TRTRPLE - GFP Tag - V

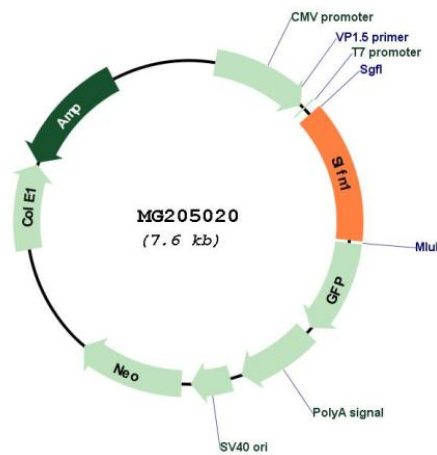
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_011407

ORF Size: 1011 bp

<b>OTI Disclaimer:</b>	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>
<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>	<a href="#">NM_011407.2</a>
<b>RefSeq Size:</b>	1881 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	20555
<b>Cytogenetics:</b>	11 50.3 cM