

Product datasheet for MR205020

Slfn1 (NM_011407) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slfn1 (NM_011407) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slfn1
Synonyms:	AV316259
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205020 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACATCACCGATGAAGGGACCCCTGTGCTGATTCTAAATGCAGGAGGGATCACACTGGGACAGAAA
GTAGGAAAACCATGGAGAATCATGACAGGGTAGAAGAGAACAGGAACATTACAAAAGCTCTGTGTCTCT
GATTAATTCTGGAGAGGGAAAGGTCAAGGCTCACATTAATAATCCAGACTACATTTTGTCTAAACATGGA
ATAGGAGAAGATTTGAAACCTCTTTCAAGAACATTTTGCCATCTAGGCCCTAGACTTTAAGCAATATC
AATCCTACTTTTTCATCTGTGTAGAAAAATCACAGAGTCCAGATGTCTCTGTTGGGAAGCCTGCCACCAT
TGCAACCAATTTGTACATGAGAAATGGGCATCATCAGTTGAAATGAACTTGGATGCTGCTCAGAAGTTC
TTAGACAATATCAAGGTTGCAGGAGGAAGTTCGCCTTCAGCAAGGCCCTCAGATAGGCCAGGCGATGATA
CGCAAGAGGAAGGCCACATTCAGGAGTTGGCTGCTGCTTTTTTAAACAGTCAAACTTACAAAAGAAGGA
AAATTTCTATTTAGTGAATCCAAAAATGTTGAATATAAATCCTTTGAAACAAAAAGTTGCTACAACGA
GTTAAAGAGATTTCCCTCGAAGTGTCTGCCTTTGCCAACTGACGGGGGATATTTGTTTATTGGTT
TAGATGAAAAAAGCAGGAAATAGTTGGTTTTGAAGCAAAGAATTGCCAGCCTAAGTGCTTAGAGAGTGA
AATAGAAAAGTGCATCCAACAGCTGCCTGCTCACTACTCTGTGAGGAGAGGGAGAAGATCAAGTACAAG
TGCAAATTCATCGAAGTCCAGATTCCGGAGTTGTGTAAATATGTGTGCGCTCAGAGTGGAGAGGT
TCTGTGCGCAGTGTGCTGTCAGAGCCCGAGTCTGGCCATGAAAGATGGTGGTGTAAAAGGTTTAC
CATAGAGGAATGGATCAAGCTCCTCATGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205020 protein sequence
 Red=Cloning site Green=Tags(s)

MNITDEGTPVLILNAGGITLGTESRKTMENHDRVEENRNITKALCALINSGEGKVKAHIKNPDIYILSKHG
 IGEDLETSEFKNILPSRPLDFKQYQSYFFICVEKSQSPDVSVGKPATIATNLYMRNGASSVEMNLDAQKF
 LDNIKVAGGRSPSARPSDRPGDDTQEEGHIQELAAFFKQSKLTKKENFLFSEKNVEYKSFETKLLQR
 VKEILPRTVSAFANTDGGYLFIGLDEKKQEI VGF EAKNCQPKCLESEIEKCIQQLPVTHFCEEREKIKYK
 CKFIEVHDSGVVCKYVICALRVERFCCA VFAAEPESWHMKDGGVKRFTIEEWIKLLMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_011407

ORF Size: 1014 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_011407.2](#)

RefSeq Size: 1881 bp

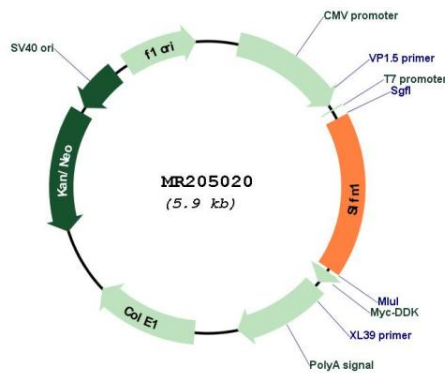
RefSeq ORF: 1014 bp

Locus ID: 20555

Cytogenetics: 11 50.3 cM

MW: 38 kDa

Product images:



Circular map for MR205020