

## Product datasheet for MR229685

### Serinc2 (NM\_001253386) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serinc2 (NM\_001253386) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Serinc2  
**Synonyms:** 2310004K20Rik; AW121759; FKSG84; TDE2; Tde2l  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR229685 representing NM\_001253386  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGAGCCCGGGAGTGGAGAGTCAGCTTTACAAGCTGCCCTGGGTGTGTGAGGACAGGACCCAGCAAC  
 CCCTGGTCTGCAGGGGCCCTGGACTGCGGCTCCCTGCTGGGTTCCGCGCTGTCTACCGTATGTGCTT  
 TGCCACAGCAGCCTTTTTCTTCTTTCATGCTGTTAATGATCTGTGTCGCGAGTAGCCGGGATCCGCGA  
 GCAGCCATCCAGAACGGGTTTTGGTTTTTAAATTCCTGATCCTTGTGGGTATCACTGTGGGCGCCTTCT  
 ACATCCCTGATGGCTCCTTTCCCAAGATCTGGTTCTACTTTGGCGTCGTGGGCTCCTTCCTTTCATCCT  
 CATCCAGCTGATCCTGTTTGTGACTTTGCCACTCCTGGAATCAGCGGTGGCTGTGAAGGCCGAGGAG  
 TGTGACTCTCCAGCCTGGTACGCAGGCCTTTCTTCTTACCTTCCTTCTACCTGTTGTCCATCGCTG  
 CTGTGGCACTGATGTTTCGCTACTACACGGAGTCTGGTGCCTGCCATGAGGGCAAGGTCTTCATCAGCCT  
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 TCGGGTCTGTGCAAGCCTCCGTCATAACCTTGATAACAATGTTGTACCTGGTCTGCCATCCAACG  
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 AGCCCTGGAGAGACCCGGAAGATGATCAGCACTGGACCTCAGTGTGGGTGAAGATCTGTGCCAGCTGGG  
 CGGGGCTGTTCTTACCTGTGGACCCTAGTGGCACCCCTGCTCCTGCCAACAGAGACTTCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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Protein Sequence: >MR229685 representing NM\_001253386  
 Red=Cloning site Green=Tags(s)

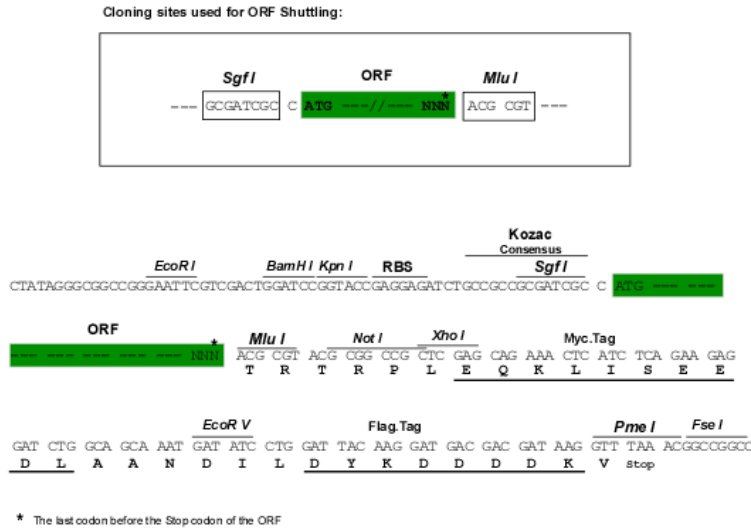
MLSPGVESQLYKLPWVCEVRTQQPLVLQGPLDCGSLLGFRAYRMCFATAAFFFFFFMLLMICVRSSRDPR  
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 CDSPAUYAGLFFFYLLSIAAVALMFVYTESGACHEGKVFISLNLFCVCVSIIVLPKVQDAQPN  
 SGLLQASVITLYTMFVTWSALSNVPDQKCNPHLPTKNGTGQVDLEDYSTVWWDAPSIVGLVIFILCTFFI  
 SLRSSDHRQVNSLMQTEECAEMVQQQVAVSDGRAYDNEQDGVTSYSFFHFCLVLASLHVMMTLTNWY  
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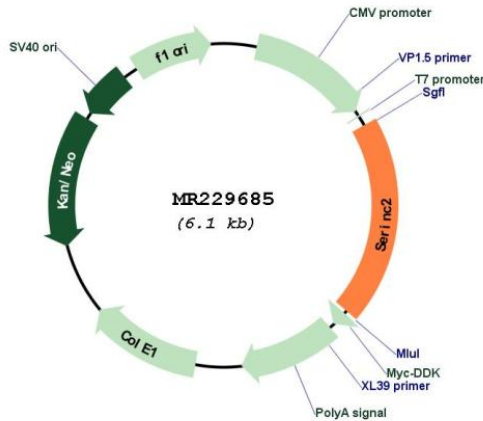
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001253386

<b>ORF Size:</b>	1185 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_001253386.1</a> , <a href="#">NP_001240315.1</a>
<b>RefSeq Size:</b>	1897 bp
<b>RefSeq ORF:</b>	1188 bp
<b>Locus ID:</b>	230779
<b>Cytogenetics:</b>	4 D2.2
<b>MW:</b>	45.4 kDa