

## Product datasheet for **RG230824**

### **SERINC2 (NM\_001199039) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SERINC2 (NM_001199039) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SERINC2
Synonyms:	FKSG84; PRO0899; TDE2; TDE2L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG230824 representing NM\_001199039  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGGCTGCCTGGGAGCCTGCTCCCTGCTCAGCTGCGCGTCTGCCTCTGCGGCTCTGCCCCCTGCA  
 TCCTGTGCAGCTGCTGCCCCGAGCCGCAACTCCACCGTGAGCCGCCTCATCTTACGTTCTTCCTCTT  
 CCTGGGGGTGCTGGTGTCCATCATTATGCTGAGCCGGCGTGGAGAGTCACTCTACAAGCTGCCTGG  
 GTGTGTGAGGAGGGGGCCGGGATCCCCACCGTCTGCAGGGCCACATCGACTGTGGCTCCCTGTTGGCT  
 ACCGCGTGTCTACCGCATGTGCTTCGCCACGGCGCCTTCTTCTTTTCCACCTGCTCATGCTCTG  
 CGTGAGCAGCAGCCGGACCCCGGGTCCATCCAGAATGGGTTTTGGTTCTTTAAGTTCCTGATCCTG  
 GTGGCCCTCACCGTGGTGCCTTCTACATTCTGACGGCTCCTTACCAACATCTGGTTCTACTTCGGCG  
 TCGTGGGCTCCTCCTTTCATCTCATCCAGTGGTGTGCTCATCGACTTTGCGCACTCTGGAACCA  
 GCGGTGGCTGGCAAGGCCGAGGAGTGCATTCCCGTGCCTGGTACGCAGCCTCTTCTTCTCACTCTC  
 CTCTTCTACTTGCTGTCGATCGCGGCCGTGGCGCTGATGTTATGTACTACACTAGCCAGCCGCGCTGCC  
 ACGAGGGCAAGGTCTTATCAGCCTCAACCTCACCTTCTGTGTCTGCGTGTCCATCGCTGCTGCTGCC  
 CAAGGTCCAGGACGCCAGCCAACTCGGGTCTGCTGCAGGCCTCGGTATCACCTCTACACCATGTTT  
 GTCACCTGGTCAGCCCTATCCAGTATCCCTGAACAGAAATGCAACCCCAATTTGCCAACCCAGCTGGGCA  
 ACGAGACAGTTGTGGCAGGCCCGAGGGCTATGAGACCCAGTGGTGGGATGCCCGAGCATTGTGGGCT  
 CATCATCTTCTCCTGTGCACCTCTTTCATCAGTCTGCGCTCCTCAGACCACGGCAGGTGAACAGCCTG  
 ATGCAGACCGAGGAGTGGCCACCTATGCTAGACGCCACACAGCAGCAGCAGCAGGTTGGCAGCCTGTG  
 AGGGCCGGGCTTTGACAACGAGCAGGACGGCGTCACTACAGCTACTCCTTCTTCCACTTCTGCCTGGT  
 GCTGGCCTCACTGCACGTATGATGACGCTACCAACTGGTACAAGCCCGGTGAGACCCGGAAGATGATC  
 AGCACGTGGACCGCGTGTGGTGAAGATCTGTGCCAGCTGGGCAGGGCTGCTCCTCTACCTGTGGACCC  
 TGGTAGCCCACTCCTCTGCGCAACCGCGACTTCAGC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG230824 representing NM\_001199039  
 Red=Cloning site Green=Tags(s)

MGACLGACSLLSASCSCGSAAPCILCSCCPASRNSTVSRILFTFFLFLGVLVSIIMLSPGVESQLYKLPW  
 VCEEGAGIPTVLQGHIDCGSLLGYRAVYRMCFATAAFFFFFFLLMLCVSSSRDPRAAIQNGFWFFKFLIL  
 VGLTVGAFYIPDGSFTNIWFYFGVVSFLFILIQLVLLIDFAHSWNQRWLGAEECDRAWYAGLFFFTL  
 LFYLLSIAAVALMFMYYTEPSGHEGKVFISLNLTFVCVVSIAAVLPKVQDAQPNSGLLQASVITLYTMF  
 VTWSALSSIQKCNPHLPTQLGNETVAVGPEGYETQWWDAPSIIVGLIIFLLCTLFISLRSSDHRQVNSL  
 MQTEECPPMLDATQQQQQVAACEGRAFDNEQDGVTSYSFFHFCLVLASLHVMMTLTNWYKPGETRKMI  
 STWTAVVWKICASWAGLLLYLWTLVAPLLLRNRDFS

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

SgfI-MluI



<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_001199039.1</a></u> , <u><a href="#">NP_001185968.1</a></u>
<b>RefSeq Size:</b>	2871 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	347735
<b>UniProt ID:</b>	<u><a href="#">Q96SA4</a></u>
<b>Cytogenetics:</b>	1p35.2
<b>Protein Families:</b>	Transmembrane