

## Product datasheet for **RG235595**

### SFRS12 (SREK1) (NM\_001270493) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SFRS12 (SREK1) (NM\_001270493) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SREK1  
**Synonyms:** SFRS12; SRrp86; SRrp508  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235595 representing NM\_001270493.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACAGCGCGCGGCTTCGGTTTGGGCTTAGGCTTCGGCCTACCCCCACGTCGGTGATTTCAGGTG
ACGAATCTGTCGTCGGCGGTGACCAGCGAGCAGATGCGGACGCTTTTTCCTTCTAGGAGAAATCGAG
GAGCTGCGGCTCTACCCCCGACAACGCACCTTTGCTTTTCTCCAAAGTATGTTATGTTAAGTTT
CGTGATCCATCAAGTGTGGCGTGGCCAGCATCTAACTAACACGGTTTTATTGACAGAGCTCTGATA
GTTGTTCTTGTGCAGAAGATGAC
ACGCGTACGCGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235595  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MNSGGGFLGLGFLTPTSVIQVTNLSSAVTSEQMRTLFSFLGEIEELRLYPPDNAPLAFSSKVCYVKF
RDPSSVGAQHLTNTVFIDRALIVVPCAEDD
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** Sgfl-MluI



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<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>RefSeq:</b>	<a href="#">NM_001270493.1</a> , <a href="#">NP_001257422.1</a>
<b>RefSeq Size:</b>	2143 bp
<b>RefSeq ORF:</b>	303 bp
<b>Locus ID:</b>	140890
<b>Cytogenetics:</b>	5q12.3
<b>MW:</b>	11.2 kDa
<b>Gene Summary:</b>	This gene encodes a member of a family of serine/arginine-rich (SR) splicing proteins containing RNA recognition motif (RRM) domains. The encoded protein interacts with other SR proteins to modulate splice site selection. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]