

## OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 2

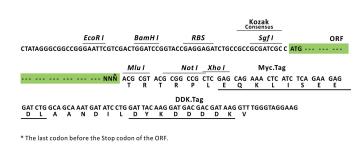
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## Product datasheet for RC218652L3

## SFRS5 (SRSF5) (NM\_006925) Human Tagged Lenti ORF Clone

## **Product data:**

Product Type:	Expression Plasmids
Product Name:	SFRS5 (SRSF5) (NM_006925) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SFRS5
Synonyms:	HRS; SFRS5; SRP40
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218652).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I         ORF         Mlu I            GCG ATC GC C         ATG //         NNN         ACG CGT



ACCN: ORF Size: NM\_006925 816 bp



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SFRS5 (SRSF5) (NM_006925) Human Tagged Lenti ORF Clone – RC218652L3	
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. <u>More info</u>
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
RefSeq:	<u>NM 006925.3</u>
RefSeq Size:	1517 bp
RefSeq ORF:	819 bp
Locus ID:	6430
UniProt ID:	<u>Q13243</u>
Cytogenetics:	14q24.1
Protein Pathways:	Spliceosome
MW:	31.3 kDa
Gene Summary:	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre- mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Alternative splicing results in multiple transcript variants. [provided by RefSeq,

Feb 2016]

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