

Product datasheet for RC219746

SFRS12IP1 (SREK1IP1) (NM_173829) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS12IP1 (SREK1IP1) (NM_173829) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SFRS12IP1
Synonyms:	P18SRP; SFRS12IP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219746 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGTCCCAGGTTGCAACAAGGACAGTGTCAGAGCAGGCTGTAAAAATGTGGCTACCCTGGTCACC
 TGACTTTTGAATGCCGAATTTTCTCCGAGTAGACCTAAAAGGGACATAGTTTGGATGTCAGCAGTAC
 AAGTAGTGAAGATAGCGATGAAGAGAATGAAGAACTGAATAAATTGCAGGCATTACAGGAAAAAAGAATA
 AATGAAGAAGAGGAAAAAGAAGAAAAAAGCAAGAAAAAATCAAATTGAAAAAAGGAAAAAGGT
 CTTACTCATCCAGTTCCACTGAAGAGGACACTTCAAACAAAAGAAACAAAAATATCAGAAGAAAGAAA
 GAAAAAGAAAAAAGAGTAAATCAAAAAAGGGAACATCACAAAAGGAAAAAAGAAGAGAAAAAG
 GAAAAGCATTCTTCTACACCTAATAGTTCTGAATTCTCCAGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219746 protein sequence Red=Cloning site Green=Tags(s)
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MAVPGCNKDSVRAGCKKCGYPGHLTFECRNFLRVDPKRDIVLDVSSTSSSDSDEENEELNKLQALQEKRI
 NEEEEKKKEKSKEKIKLKKRKRYSSTSEEDTSKQKKQYQKKEKKKEKSKSKKGHHKKEKKRKK
 EKHSSTPNSSEFSRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/mk6441_f09.zip
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173829

ORF Size: 465 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

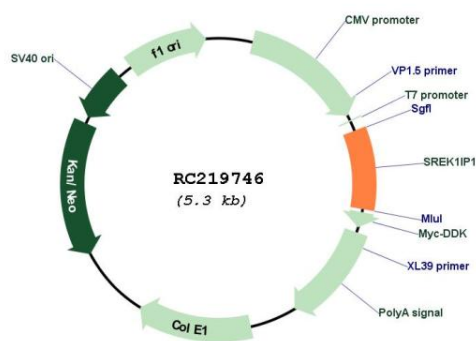
RefSeq: [NM_173829.4](#)

RefSeq Size: 6856 bp

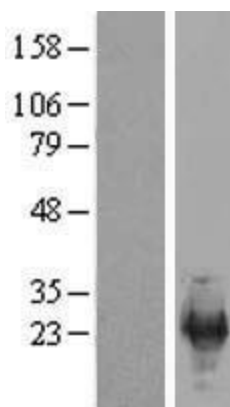
RefSeq ORF: 468 bp

Locus ID:	285672
UniProt ID:	Q8N9Q2
Cytogenetics:	5q12.3
MW:	18.2 kDa
Gene Summary:	Possible splicing regulator involved in the control of cellular survival.[UniProtKB/Swiss-Prot Function]

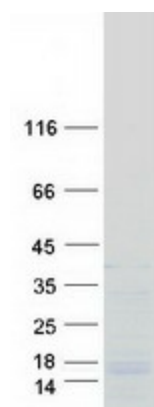
Product images:



Circular map for RC219746



Western blot validation of overexpression lysate (Cat# [LY406434]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219746 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SREK1IP1 protein (Cat# [TP319746]). The protein was produced from HEK293T cells transfected with SREK1IP1 cDNA clone (Cat# RC219746) using MegaTran 2.0 (Cat# [TT210002]).