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Product datasheet for RC231471

SALF (STON1-GTF2A1L) (NM_001198593) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SALF (STON1-GTF2A1L) (NM_001198593) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SALF
Synonyms:	ALF; GTF2A1L; GTF2A1LF; SALF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC231471 representing NM_001198593
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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Protein Sequence:

>RC231471 representing NM_001198593
Red=Cloning site Green=Tags(s)

MCSTNPGKWVTFDDDPAVQSSQKSKNFPLENQGVCRPNGLKLNLPGLREFPSGSSSTSSTPLSSPIVDFY
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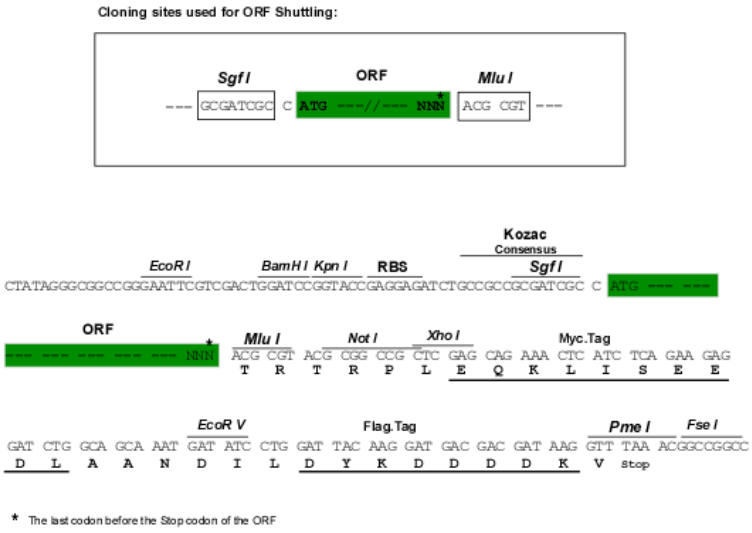
Restriction Sites: SgfI-MluI

Cloning Scheme:

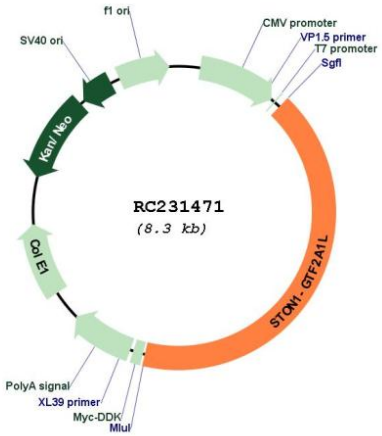


ACCN: NM_001198593

ORF Size: 3474 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_001198593.1, NP_001185522.1
RefSeq ORF:	3477 bp
Locus ID:	286749
UniProt ID:	Q9Y6Q2
Cytogenetics:	2p16.3
Protein Families:	Transcription Factors
MW:	129.7 kDa
Gene Summary:	STON1-GTF2A1L mRNAs are infrequent but naturally occurring read-through products of the neighboring STON1 and GTF2A1L genes. These transcripts encode fusion proteins composed of the vast majority of each of the individual elements, stonin 1 and general transcription factor IIA, 1-like. Alternative splicing results in multiple transcript variants. The significance of these read-through variants and the function of the resulting protein products have not yet been determined. [provided by RefSeq, Oct 2010]

Product images:



Circular map for RC231471