

Product datasheet for RC238255

SHF (NM_001301168) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: SHF (NM_001301168) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: SHF
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RC238255 representing NM_001301168
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTACTGAGCGGAGCTCTCCGGCTGGCTCCCGCCGGGGCCGCAACGCAGGGGAGCGCTGGGGCC
 GCCCGGGGGGTCCCGCCGGGGCGCCGGGGTGCGGGAGCCGGCCAGGAGGGGGCGCAGCGCGGAGT
 AGCCAAGTGGCTCCGGGAGCACCTGGGCTTCGCGGGGGGGCGCGCGGAGGGGGCAGCAAGCCGGCG
 CCCCCGAGCCCGACTACCGCCCCCTGCGCCCTCTCCGCGCGGCCCGCCGCGCCCGCCCGGACATCC
 TGGCCGCCTACAGGCTGCAGCGGGAGCGGACTTCAAGACCCCTACTCCGGGGGTCTCGGGCTCCGC
 CGCCCTCGCCACCCCTGTGCCCCCGGACCCACGCGCCCCCGGCCACGGCTCTCCCCACACCGCCTT
 ATTCGGGTCGAGACCCCGGGGCCCGCGCCGCTGCTGATGAGCGGATCTCCGACCCCGCCAGCA
 GCGATAGGCTAGCTATCCTAGAAGACTATGCGGACCCGTTTGTGTTTCAAGAGACTGGCGAAGGCTCAGC
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 GCCGAGAACCTGCTCCGGCTGTGCAAAGAGGCCAGCTACTGGTGCACAACAGTGAGACCAGCAAGAATG
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 ATATGTGCTGGCCAGAACAGCCCGCCCTCAGCAGCGTCCCTGAAATTTGTCACCACTATGCCAGCCGC
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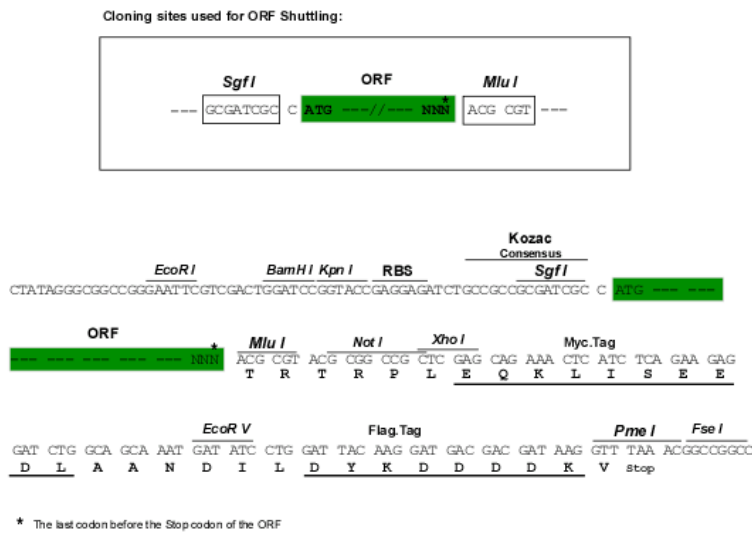
Protein Sequence: >RC238255 representing NM_001301168
Red=Cloning site Green=Tags(s)

MLLSGAPPAGSRPGPRTQGSAGGGPGGSRRGAGGAGAGPGGGGSGGVAKWLREHLGFRGGGGGGGGSKPA
 PPEPDYRPPAPSPAAPPAPPPDILAAAYRLQREDFEDPYSGGSSGSAALATPVAPGPTPPPRHGSPPHRL
 IRVETPGPPAPPADERISGPPASSDRLAILEDYADPFVQETGEGSAGASGAPEKVPENDGYMEPYEAQK
 MMAEIRGSKETATQPLPLYDTPYEPEEDGATPEGEGAPWPRESRLPEDDERPPEEYDQPWEWKKERISKA
 FAAQFEGPEKSCLSPGREEKGRLLPRLSAGNPKSAKPLSMEPSSPLGEWTDPALPLENQWYHGAI SRTD
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 KLPIKGAEHMSLLYPVAIRTL

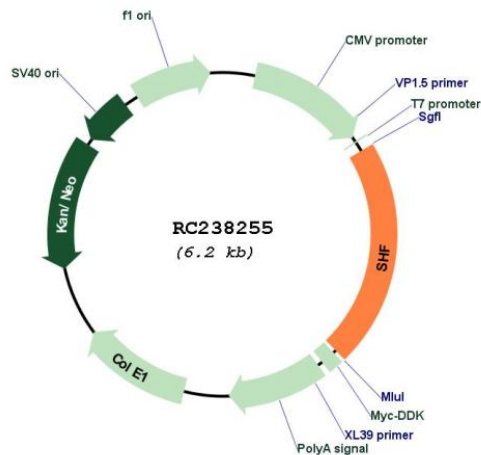
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001301168
ORF Size:	1323 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:	<ol style="list-style-type: none">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.
RefSeq:	NM_001301168.1 , NP_001288097.1
RefSeq Size:	2092 bp
RefSeq ORF:	1326 bp
Locus ID:	90525
Cytogenetics:	15q21.1
MW:	47.2 kDa