

## Product datasheet for **RC237764**

### SHF (NM\_001301169) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SHF (NM\_001301169) 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:** >RC237764 representing NM\_001301169  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTACTGAGCGGAGCTCCTCCGGCTGGCTCCCGCCGGGGCCGCAACGCAGGGGAGCGCTGGGGCC  
GCCCGGGGGGTCCCGCCGGGGCGCCGGGGTTCGGGAGCCCGCCAGGAGGGGGCGCAGCGCGGAGT  
AGCCAAGTGGCTCCGGGAGCACCTGGGCTTCGCGGGGGGGCGCGGGCGGAGGGGGCAGCAAGCCGGCG  
CCCCCGAGCCGACTACCGCCCCCTGCGCCCTCTCCGCGCCGCGCCCCCGCGCCGCCCGCCGACATCC  
TGGCCGCCTACAGGCTGCAGCGGGAGCGGACTTCAAGACCCCTACTCCGGGGGTCTGTCGGCTCCGC  
CGCCCTCGCCACCCCTGTCGCCCCGGACCCACGCGCCCCCGCCGCGCCAGGCTCTCCCCACACCGCCTT  
ATTCGGGTCGAGACCCCGGGGCCCGCGCCGCTGCTGATGAGCGGATCTCCGGACCCCGCCAGCA  
GCGATAGGCTAGCTATCCTAGAAGACTATGCGGACCCGTTTGTGTTTTCAGGAGACTGGCGAAGGCTCAGC  
AGGAGCTTCAGGAGCCCCAGAGAAGGTCCCTGAAAATGATGGCTACATGGAGCCCTATGAGGCTCAAAG  
ATGATGGCCGAGATCCGGGGCTCCAAGGAGACAGCAACTCAGCCCTTGCCTCTGTATGACACACCCTATG  
AGCCAGAGGAGGATGGGGCCACCCGGAAGGTGAGGGGGCCCCCTGGCCCCGGGAGTCCCGCCTGCCAGA  
GGATGATGAGAGGCCCTGAGGAGTATGACCAGCCCTGGGAGTGAAGAAGGAGCGGATTTCCAAGCC  
TTTGACAGCCAGTTTGAAGGACCGGAGAAGAGCTGCCTGTACCTGGCCGGGAGGAGAAGGGGCGGCTAC  
CTCCCCGACTCTCTGCAGGGAACCCCAAGTCAGCCAAACCCCTAAGCATGGAGCCAGCAGCCCCCTGGG  
GGAGTGGACAGATCCAGCACTGCCTCTGAAAAACAGCTGGTATCACGGGGCCATCAGCCGAACCGACGC  
CGAGAACCTGCTCCGGCTGTGCAAAGAGGCCAGCTACCTGGTGGCAACAG

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237764 representing NM\_001301169  
 Red=Cloning site Green=Tags(s)

MLLSGAPPAGSRPGPRTQGSAGGGPGGSRRGAGGAGAGPGGGGSGGVAKWLREHLGFRGGGGGGGGSKPA  
 PPEPDYRPPAPSPAAPPAPPPDILAAAYRLQREDFEDPYSGGSSGSAALATPVAPGTPPPRHGSPPHRL  
 IRVETPGPPAPPADERISGPPASSDRLAILEDYADPFVQETGEGSAGASGAPEKVPENDGYMEPYEAQK  
 MMAEIRGSKETATQPLPLYDTPYEPEEDGATPEGEGAPWPRESRLPEDDERPPEEYDQPWEWKKERISKA  
 FAAQFEGPEKSCLSPGREEKGRLLPRLSAGNPKSAKPLSMEPSSPLGEWTDPALPLENQLVSRGHQPNRR  
 REPAPAVQRGQLPGAQQ

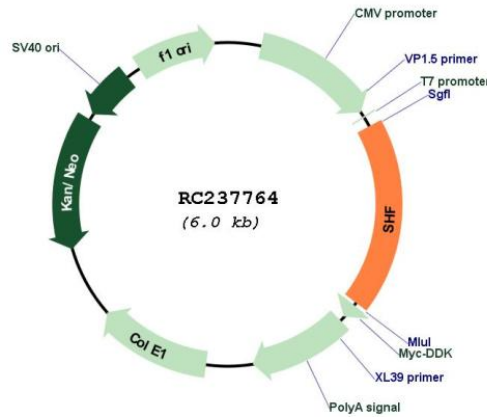
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001301169

<b>ORF Size:</b>	1101 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<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>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001301169.1</a> , <a href="#">NP_001288098.1</a>
<b>RefSeq Size:</b>	2090 bp
<b>RefSeq ORF:</b>	1104 bp
<b>Locus ID:</b>	90525
<b>Cytogenetics:</b>	15q21.1
<b>MW:</b>	38.7 kDa