

Product datasheet for **RC237229**

SHF (NM_001301170) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SHF (NM_001301170) 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: >RC237229 representing NM_001301170
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTACTGAGCGGAGCTCCTCCGGCTGGCTCCCGCCGGGGCCGGAACGCAGGGGAGCGCTGGGGCC
GCCCCGGGGGGTCCCGCCGGGGCGCCGGGGGTGCGGGAGCCGGCCAGGAGGGGGCGGCAGCGCGGAGT
AGCCAAGTGGCTCCGGGAGCACCTGGGCTTCGCGGGGGGGCGCGGGCGGAGGGGGCAGCAAGCCGGCG
CCCCCGAGCCGACTACCGCCCCCTGCGCCCTCTCCGGCCGCGCCCCCGCGCCGCCCGCCGACATCC
TGCCCGCTACAGGCTGCAGCGGAGCGGACTTCAAGACCCCTACTCCGGGGGGTCTGTCGGCTCCGC
CGCCCTCGCCACCCCTGTGCCCCCGGACCCACGCGCCCGCCCGCGCCACGGCTCTCCCCACACCGCCTT
ATTCGGGTCGAGACCCCGGGGCCCGCGCCGCTGCTGATGAGCGGATCTCCGGACCCCGCCAGCA
GCGATAGGCTAGCTATCCTAGAAGACTATGCGGACCCGTTTGTGTTGAGGAGACTGGCGAAGGCTCAGC
AGGAGCTTCAGGAGCCCCAGAGAAGGTCCCTGAAAATGATGGCTACATGGAGCCCTATGAGGCTCAAAG
ATGATGGCCGAGATCCGGGGCTCCAAGGAGACAGCAACTCAGCCCTTGCCTCTGTATGACACACCCTATG
AGCCAGAGGAGGATGGGGCCACCCGGAAGGTGAGGGGGCCCCCTGGCCCCGGGAGTCCCGCCTGCCAGA
GGATGATGAGAGGCCCTGAGGAGTATGACCAGCCCTGGGAGTGAAGAAGGAGCGGATTTCAAAGCC
TTTGCAGGAGCAGCCAGGGATTTCATGCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237229 representing NM_001301170
Red=Cloning site Green=Tags(s)

MLLSGAPPAGSRPGPRTQGSAGGGPGGSRRGAGGAGAGPGGGGSGGVAKWLREHLGFRGGGGGGGGSKPA
 PPEPDYRPPAPSPAAPPAPPPDILAAAYRLQRRDFEDPYSGGSSGSAALATPVAPGPTPPPRHGSPPHRL
 IRVETPGPPAPPADERISGPPASSDRLAILEDYADPFVQETGEGSAGASGAPEKVPENDGYMEPYEAQK
 MMAEIRGSKETATQPLPLYDTPYEPEEDGATPEGEGAPWPRESRLPEDDERPPEEYDQPWEWKKERISKA
 FAGAARDSC T

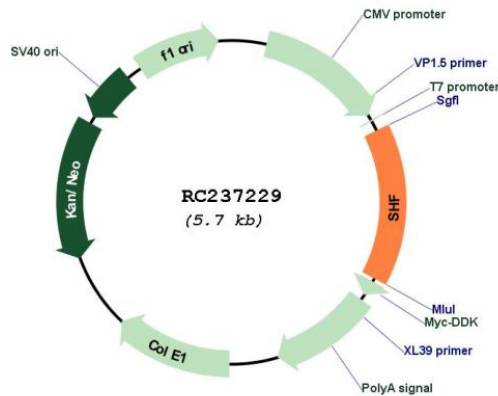
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001301170

ORF Size:	870 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_001301170.1 , NP_001288099.1
RefSeq Size:	1800 bp
RefSeq ORF:	873 bp
Locus ID:	90525
Cytogenetics:	15q21.1
MW:	30.3 kDa