

## Product datasheet for **RG237764**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SHF (NM_001301169) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SHF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237764 representing NM_001301169. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTACTGAGCGGAGCTCCTCCGGCTGGCTCCCGCCCGGGGCCGGAACGCAGGGGAGCGCTGGGGGC
GGCCCGGGGGGTCCCGCCGGGGCGCCGGGGTGCGGGAGCCGGCCAGGAGGGGCGGCAGCGCGGA
GTAGCCAAGTGGCTCCGGGAGCACCTGGGCTTCCGCGGGGGGGCGCGGGGAGGGGGCAGCAAGCCG
GCGCCCCCGAGCCGACTACCGCCCCCTGCGCCCTCCTCGGCCGCGCCCCCGCGCCGCCCGCCGGAC
ATCCTGGCCGCTACAGGCTGCAGCGGGAGCGCGACTTCGAAGACCCCTACTCCGGGGGTCTCCCGGC
TCGCGCCCTCGCCACCCCTGTCGCCCCCGACCCACGCGCCCGCCCGCCACGGCTCTCCCCACAC
CGCCTTATTCGGTTCGAGACCCCGGGGCCCGCGCCGCTGCTGATGAGCGGATCTCCGACCCCGC
GCCAGCAGCGATAGGCTAGCTATCCTAGAAGACTATGCGGACCCGTTTGTATGTTTCAGGAGACTGGCGAA
GGCTCAGCAGGAGCTTCAGGAGCCCGAGAGAAGGTCCCTGAAAATGATGGCTACATGGAGCCCTATGAG
GCTCAAAGATGATGGCCGAGATCCGGGCTCCAAGGAGACAGCAACTCAGCCCTTGCTCTGTATGAC
ACACCCTATGAGCCAGAGGAGGATGGGGCCACCCCGAAGGTGAGGGGGCCCCCTGGCCCCGGGAGTCC
CGCCTGCCAGAGGATGATGAGAGGCCCTGAGGAGTATGACCAGCCCTGGGAGTGAAGAAGGAGCGG
ATTTCAAAGCCTTTCAGCCAGTTTGAAGACCGGAGAAGAGCTGCCTGTACCTGGCCGGGAGGAG
AAGGGGGCGGTACCTCCCGACTCTCTGCAGGGAACCCCAAGTCAGCAAACCCCTAAGCATGGAGCCC
AGCAGCCCCCTGGGGAGTGGACAGATCCAGCACTGCCTCTGAAAACCCAGCTGGTATCACGGGGCCAT
CAGCCGAACCGACGCCGAGAACCTGCTCCGGCTGTGAAAGAGGCCAGCTACCTGGTGCACAACAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



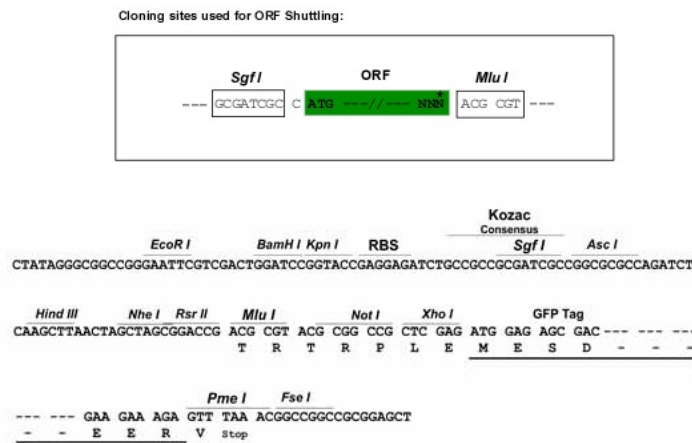
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG237764  
 Blue=ORF Red=Cloning site Green=Tag(s)

MLLSGAPPAGSRPGPRTQGSAGGGPGGSRRGAGGAGAGPGGGGSGGVAKWLRHLGFRGGGGGGGSKP  
 APPEPDYRPPAPSPAAPPAPPPDILAAYRLQRERDFDPYSGGSSGSAALATPVAPGTPPPRHGSPPH  
 RLIRVETPGPPAPPADERISGPPASSDRLAILEDYADPFVQETGEGSAGASGAPEKVPENDGYMEPEYE  
 AQKMAEIRGSKETATQPLPLYDTPYEPEEDGATPEGEGAPWPRESRLPEDDERPPEEYDQPWEWKKER  
 ISKAFAAQFEGPEKSCLSPGREEKGRLLPRLSAGNPKSAKPLSMEPSSPLGEWTDPALPLENQLVSRGH  
 QPNRRREPAPAVQRGQLPGAQQ  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNTAVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001301169

**ORF Size:** 1101 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.

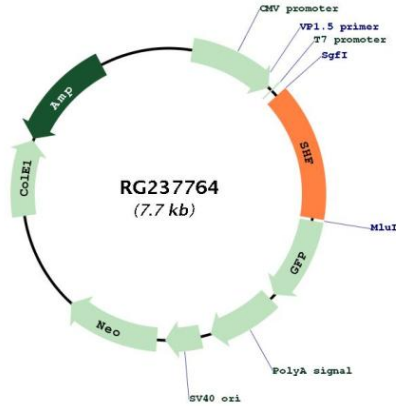
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001301169.1](#), [NP\\_001288098.1](#)

**RefSeq Size:** 2090 bp

RefSeq ORF: 1104 bp  
 Locus ID: 90525  
 Cytogenetics: 15q21.1  
 MW: 38.7 kDa

**Product images:**



Circular map for RG237764