

## Product datasheet for **RG237229**

### SHF (NM\_001301170) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SHF (NM_001301170) 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:	>RG237229 representing NM_001301170. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGTTACTGAGCGGAGCTCCTCCGGCTGGCTCCCGCCGGGGCCGGAACGCAGGGGAGCGCTGGGGGC
GGCCCGGGGGGTCCCGCCGGGGCGCCGGGGGTGCGGGAGCCGGCCAGGAGGGGGCGGCAGCGCGGA
GTAGCCAAGTGGCTCCGGGAGCACCTGGGCTTCCGCGGGGGGGCGCGGGGAGGGGGCAGCAAGCCG
GCGCCCCCGAGCCGACTACCGCCCCCTGCGCCCTCTCCGGCCGCGCCCCCGCGCCCGCCCCGGAC
ATCCTGGCCGCTACAGGCTGCAGCGGGAGCGGACTTCGAAGACCCCTACTCCGGGGGTGCTCCGGC
TCGCGCCCTCGCCACCCCTGTCGCCCGGACCCACGCGCCCCCGGCCACGGCTCTCCCCACAC
CGCCTTATTCGGTTCGAGACCCCGGGGCCCGCGCCGCTGCTGATGAGCGGATCTCCGGACCCCGC
GCCAGCAGCGATAGGCTAGCTATCCTAGAAGACTATGCGGACCCGTTTGATGTTTCAGGAGACTGGCGAA
GGCTCAGCAGGAGCTTCAGGAGCCCGAGAGAAGGTCCCTGAAAATGATGGCTACATGGAGCCCTATGAG
GCTCAAAAGATGATGGCCGAGATCCGGGCTCCAAGGAGACAGCAACTCAGCCCTTGCTCTGTATGAC
ACACCCTATGAGCCAGAGGAGGATGGGGCCACCCCGAAGGTGAGGGGGCCCCCTGGCCCCGGGAGTCC
CGCCTGCCAGAGGATGATGAGAGCCCCCTGAGGAGTATGACCAGCCCTGGGAGTGAAGAAGGAGCGG
ATTTCAAAGCCTTTCAGGAGCAGCCAGGGATTTCATGCACA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



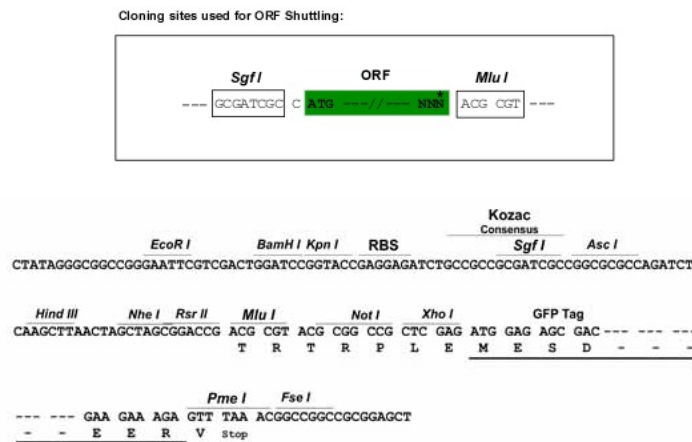
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG237229  
 Blue=ORF Red=Cloning site Green=Tag(s)

MLLSGAPPAGSRPGPRTQGSAGGGPGGSRRGAGGAGAGPGGGSGGVAKWLREHLGFRGGGGGGGSKP  
 APPEPDYRPPAPSPAAPPAPPPDILAAYRLQRERDFEDPYSGGSSGSAALATPVAPGTPPPRHGSPPH  
 RLIRVETPGPPAPPADERISGPPASSDRLAILEDYADPFVQVETGEGSAGASGAPEKVPENDGYMEPEYE  
 AQKMMAEIRGSKETATQPLPLYDTPYEPEEDGATPEGEGAPWPRESRLPEDDERPPEEYDQPWEWKKER  
 ISKAFAGAARDSCT  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**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.

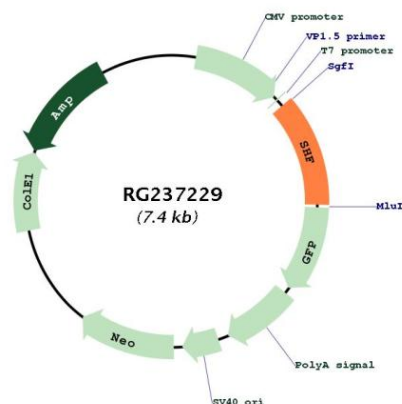
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**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

### Product images:



Circular map for RG237229