

Product datasheet for SC312824

SHFL (NM_018381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SHFL (NM_018381) Human Untagged Clone
Tag:	Tag Free
Symbol:	SHFL
Synonyms:	C19orf66; IRAV; RyDEN; SFL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC312824 representing NM_018381. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGTCTCAGGAAGGTGTGGAGCTGGAGAAGAGCGTCCGGCGCCTCCGGGAGAAGTTTCATGGGAAGGTA
 TCCTCCAAGAAGGCGGGGCTCTGATGAGGAAATTCGGCAGCGACCACACGGGAGTGGGGCGCTCCATC
 GTGTACGGGGTAAAGCAAAAAGATGGCCAAGAACTAAGTAACGATCTGGATGCCAGGATCCACCAGAA
 GATATGAAGCAGGACCGGGACATTCAGGCAGTGGCGACCTCCCTCCTGCCACTGACAGAAGCCAACCTA
 CGCATGTTTCAACGTGCCAGGACGACCTTATCCCTGCTGTGGACCGGCAGTTTGCCTGCTCCTCCTGC
 GACCACGTCTGGTGGCGCCGCTGCCCCAGCGGAAGGAGGTATCCCGGTGCCGGAATGCCGGAAGCGC
 TACGAGCCAGTGCCAGCTGACAAGATGTGGGGCCTGGCTGAGTTCCACTGCCCGAAGTGTGGGCACAAC
 TTCCGGGGCTGGGCACAGATGGGGTCCCCGTCCCCCTGCTACGGGTGCGGCTTCCCCGTGTATCCAACA
 CGGATCCTCCCCCGCGCTGGGACCGGGACCGGATCGCCGCAGCACCCACACTCACTCCTGCTCAGCT
 GCCGACTGCTACAACCGGCGAGAGCCCCACGTGCCTGGGACATCCTGTGCTACCCCAAGAGCCGGAAG
 CAGAACCACCTGCCCAAAGTGCTCCACCCAGCAACCCTCACATTAGCAGTGGCTCCACTGTGGCCACC
 TGCTTGAGCCAGGTGGCTCCTGGAAGACCTGGACAACCTCATCTGGAGGACCTGAAGGAGGAGGAG
 GAGGAAGAGGAGGAGGTGGAGGACGAGGAGGGCGGGCCAGGGAGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_018381
Insert Size:	876 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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:	<u>NM_018381.3</u>
RefSeq Size:	2150 bp
RefSeq ORF:	876 bp
Locus ID:	55337
UniProt ID:	<u>Q9NUL5</u>
Cytogenetics:	19p13.2
MW:	33.1 kDa
Gene Summary:	Exhibits antiviral activity against dengue virus (DENV) and can inhibit the replication of all DENV serotypes. May block the protein translation of DENV RNA via its association with cellular mRNA-binding proteins and viral RNA. Can also limit the replication of hepatitis C virus (HCV), West Nile virus (WNV), Chikungunya virus (CHIKV), herpes simplex virus type 1 (HHV-1) and human adenovirus (PubMed:26735137).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).