

Product datasheet for **SC304368**

C3orf32 (SSUH2) (NM_015931) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf32 (SSUH2) (NM_015931) Human Untagged Clone
Tag:	Tag Free
Symbol:	C3orf32
Synonyms:	C3orf32; fls485; SSU-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304368 representing NM_015931. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCCCTCCCAGTTGGACTGCTGAGGGCTTTACCACTACCGTGGCCTCAGTTTCTCGCCTGCACGTTG
 AGGAGGCTGGCTGGCCCGCTGAGTCCACAGGCCCTTCCAGAAGCCCCGCCTCTCTGTTCCGTCCTCC
 TGCAGAGTCCCTGCGATGACGGAGGAGGTGGCCCGGAAGCCCTCCTCAGCTTTGTGGACTCTAAGTGC
 TGCTACAGCAGCACGGTGGCTGGAGACCTCGTCATCCAGGAGCTGAAGCGGCAGACCTCTGCAGGTAC
 CGTCTGGAGACCTTTAGTGAATCCAGGATAAGCGAGTGGACATTTCAACCCTTTACTAACCCTCTGTG
 GATGGGCCGAAAGAGGGCGCTCCCCAGGCTCTGGGACATCAAGGTTCAAGGTCTCCGATGTTTCAG
 GAAGACACCAGGAAGTTCCAGGTCCCTCACTCGTCACTGGTCAAGGAATGCCACAAATGCCATGGGCGT
 GGGCGGTACAAGTGCAGCGGTGCCACGGGGCGGGCACGGTGCAGTGGCCATCCTGCTGCGGAGCCAAG
 CGCAAAGCCAAGCAGTCCCGGAGATGTCAGCTGTGCGCGGGTCCGGCAGGCGAAGATGCAGCACTTGC
 TCAGGGAGAGGGAACAAGACCTGCGCCACCTGCAAGGGGGAGAAGAAGCTGTTGCACTTCATCCAGCTT
 GTCATCATGTGGAAGAACAGCTTGTGAGTTTGTGTCTGAGCACCAGGCTCAACTGCCCCAGGGAGCTC
 CTTGCTAAAGCCAAGGAGAAAACCTCTTAAGGATGAAAACCGGTGGTGTACCCCATCGTGGAGCTTC
 CCTCTGCGAGACATCTCTTGCCTCCCAGAGGGGCTTGCAGAGCACAGCGCTGCCTTGGCCTCCCGT
 GCCCGCTCCTGCAGCAGCGCCAGACATTGAGCTGATCCCCCTACAGAAGTTCACTATTGGTACCAA
 GGAAAGACTTATGTCTACTACATCTATGGCACTGACCACAGGTGTATGCGGTGGACTATCCTGAGCGG
 TATTGCTGTGGCTGTACCATCGT**GTGA**
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_015931


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Insert Size:	1062 bp
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_015931.2</u>
RefSeq Size:	1803 bp
RefSeq ORF:	1062 bp
Locus ID:	51066
UniProt ID:	<u>Q9Y2M2</u>
Cytogenetics:	3p25.3
MW:	39.8 kDa
Gene Summary:	Plays a role in odontogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, uses an alternate splice site and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to isoform 1.