

Product datasheet for RC232422

C3orf32 (SSUH2) (NM_001256749) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf32 (SSUH2) (NM_001256749) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C3orf32
Synonyms:	C3orf32; fls485; SSU-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC232422 representing NM_001256749 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGACGGAGGAGGTGGCCCGGAAGCCCTCCTCAGCTTTGTGGACTCTAAGTGCTGCTACAGCAGCACGG
 TGGCTGGAGACCTCGTCATCCAGGAGCTGAAGCGGCAGACCCCTCTGCAGGTACCGTCTGGAGACCTTTAG
 TGAATCCAGGATAAGCGAGTGGACATTTCAACCCTTTACTAACCCTCTGTGGATGGGCCGCAAAGAGGC
 GCCTCCCCAGGCTCTGGGACATCAAGGTTCAAGGTCTCCGATGTTTCAGGAAGACACCAGGAAGTTCC
 AGGTCCCTCACTCGTCACTGGTCAAGGAATGCCACAAATGCCATGGGCGTGGGCGGTACAAGTGCAGCGG
 CTGCCACGGGGCGGCACGGTGCCTGCCATCCTGCTGCGGAGCCAAGCGCAAAGCCAAGCAGTCCCGG
 AGATGTCAGCTGTGCGCGGGGTCCGGCAGGCGAAGATGCAGCACTTGCTCAGGGAGAGGGAACAAGACCT
 GCGCCACCTGCAAGGGGGAGAAGAAGCTGTTGCACTTCATCCAGCTTGTCATCATGTGGAAGAACAGCTT
 GTTTGAGTTTGTGTCTGAGCACCAGGCTCAACTGCCCCAGGGAGCTCCTTGCTAAAGCCAAAGGAGAAAAC
 CTCTTTAAGGATGAAAACCTCGGTGGTGTACCCCATCGTGGACTTCCCTCTGCGAGACATCTCTTGCT
 CCCAGAGGGGCATTGCAGAGCACAGCGCTGCCTTGGCCTCCCGTCCCGCGTCTGCAGCAGCGCCAGAC
 CATTGAGCTGATCCCCCTCACAGAAGTTCACTATTGGTACCAAGGAAAGACTTATGTCTACTACATCTAT
 GGCACTGACCACCAGGTGATGCGGTGGACTATCCTGAGCGGTATTGCTGTGGCTGTACCATCGTG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC232422 representing NM_001256749

Red=Cloning site Green=Tags(s)

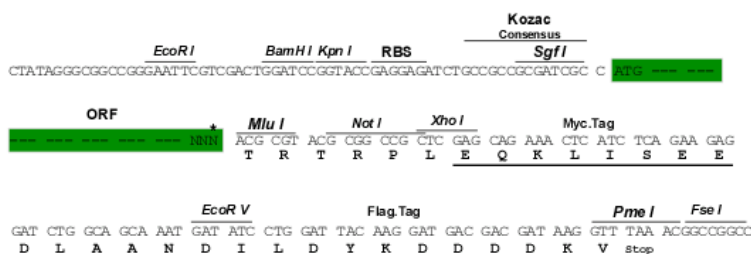
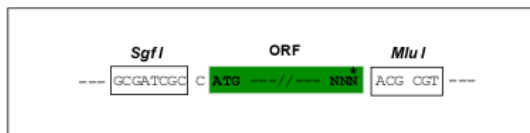
MTEEVAREALLSFVDSKCCYSSTVAGDLVIQELKQRTLCRYRLETFSESRISEWTFQPFNTNHSVDPGRQ
ASPRLDWIKVQGPMPMFQEDTRKFQVPHSSLVKECHKCHGRGRYKCSGCHGAGTVRCPSCCGAKRKAQSR
RCQLCAGSGRRRCSTCSGRGNKTCATCKGEKLLHFIQLVIMWKNSLFEFVSEHRLNCPRELLAKAKGEN
LFKDENSEVVPYIPDLPLRDISASQRGIAEHSAAASRARVLQQRQTIELIPLTEVHYWYQGTKYVYYIY
GTDHVOYAVDYPERYCGCTIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 001256749

ORF Size: 906 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001256749.2

RefSeq Size: 1657 bp

RefSeq ORF: 909 bp

Locus ID: 51066

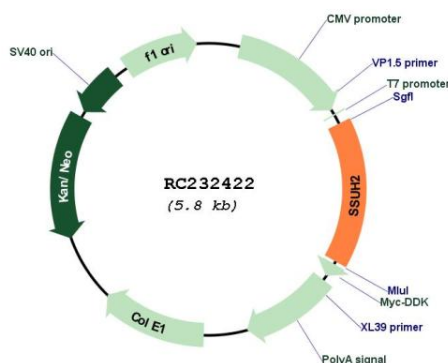
UniProt ID: Q9Y2M2

Cytogenetics: 3p25.3

MW: 34.9 kDa

Gene Summary: Plays a role in odontogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC232422