

Product datasheet for RC237833

C3orf32 (SSUH2) (NM_001256748) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf32 (SSUH2) (NM_001256748) 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:	>RC237833 representing NM_001256748 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACAGGGATCTGAATGAAGATGACAGTGTGGTGGACCTCAGTTTTGAGGCCGAGAGTCCTCTGGCGC
CCCCACAGAGCTCCTGGAGAGACTGCCAGCTATGACTGGCTTCTTCAAGGGGGCAGAGGACAGATATT
CTTCCCACCTTTGGAGGCCCCAGGGAGGCCCCAGGAGCAAAGGTCCTGGCCCTCGTTCTGGAACACAGA
GTCCCTGCGATGACGGAGGAGTGGCCCGGAAGCCCTCCTCAGCTTTGTGGACTCTAAGTGTCTTACA
GCAGCACGGTGGCTGGAGACCTCGTCATCCAGGAGCTGAAGCGGCAGACCCTCTGCAGGTACCGTCTGGA
GACCTTTAGTGAATCCAGGATAAGCGAGTGGACATTTCAACCCTTACTAACCCTCTGTGGATGGGCCG
CAAAGAGGCGCCTCCCCAGGCTCTGGGACATCAAGGTTCAAGGTCCTCCGATGTTTTAGGAAGACACCA
GGAAGTTCCAGGTCCCTCACTCGTCACTGGTCAAGGAATGCCACAAATGCCATGGGCGTGGGCGGTACAA
GTGCAGCGGTGCCACGGGGCGGCACGGTGGCGTGGCCATCCTGCTGCGGAGCCAAGCGCAAAGCCAAG
CAGTCCCGGAGATGTGAGCTGTGCGCGGGTCCGGCAGGCGAAGATGCAGCACTTGCTCAGGAGAGGGA
ACAAGACCTGCGCCACCTGCAAGGGGGAGAAGAAGCTGTTGCACTTCATCCAGCTTGTATCATGTGGAA
GAACAGCTTGTGAGTTGTGTCTGAGCACCGGCTCACTGCCCCAGGGAGCTCCTTGTAAAGCCAAA
GGAGAAAACCTCTTAAGGATGAAAACCTGGTGGTGTACCCCATCGTGGACTTCCCTCTGGAGACATCT
CTTTGCCTCCCAGAGGGGCATTGCAGAGCACAGCGCTGCCTTGGCCTCCCGTCCCGCGCTCTGCAGCA
GCGCCAGACCATTGAGCTGATCCCCCTCACAGAAGTTCATATTGGTACCAAGGAAAGACTTATGTCTAC
TACATCTATGGCACTGACCACCGGTGTATGCGGTGGACTATCCTGAGCGGTATTGCTGTGGCTGTACCA
TCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237833 representing NM_001256748
 Red=Cloning site Green=Tags(s)

MDRDLNEDDSVVDLSFEAESPLAPPTELLERLPSYDWLLQGGRGQIFPPLEAPGRPQEQRSWPSFLEHR
 VPAMTEEVAREALLSFVDSKCCYSSTVAGDLVIQELKRQTLCRYRLETFSESRISEWTFQPFTNHSVDGP
 QRGASPRLDIKVQPPMFQEDTRKFQVPHSSLVKECHKCHGRGRYKCSGCHGAGTVRCPSCCGAKRKAK
 QSRRCQLCAGSGRRRCSTCSGRGNKTCATCKGEKLLHF IQLVIMWKNSLFEFVSEHRLNCPRELLAKAK
 GENLFDKENSVVYPIVDFPLRDISLASQRGIAEHSAAALASRARVLQQRQTIELIPLTEVHYWYQGKTYVY
 YIYGTDHQVYAVDPERYCCGCTIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001256748

ORF Size: 1125 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_001256748.2](#)

RefSeq Size: 1636 bp

RefSeq ORF: 1128 bp

Locus ID: 51066

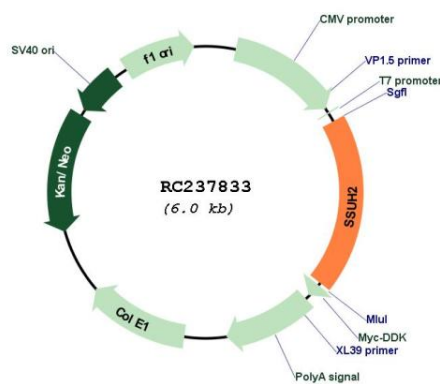
UniProt ID: [Q9Y2M2](#)

Cytogenetics: 3p25.3

MW: 43.2 kDa

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

Product images:



Circular map for RC237833