

Product datasheet for **RG232422**

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:	TurboGFP
Symbol:	C3orf32
Synonyms:	C3orf32; fls485; SSU-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG232422 representing NM_001256749 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGGAGGAGGTGGCCCGGAAGCCCTCCTCAGCTTTGTGGACTCTAAGTGCTGCTACAGCAGCACGG
 TGGCTGGAGACCTCGTCATCCAGGAGCTGAAGCGGCAGACCCCTCTGCAGGTACCGTCTGGAGACCTTTAG
 TGAATCCAGGATAAGCGAGTGGACATTTCAACCCTTTACTAACCCTCTGTGGATGGGCCGCAAAGAGGC
 GCCTCCCCAGGCTCTGGGACATCAAGGTTCAAGGTCTCCGATGTTTCAGGAAGACACCAGGAAGTTCC
 AGGTCCCTCACTCGTCACTGGTCAAGGAATGCCACAAATGCCATGGGCGTGGGCGGTACAAGTGCAGCGG
 CTGCCACGGGGCGGCACGGTGCCTGCCATCCTGCTGCGGAGCCAAGCGCAAAGCCAAGCAGTCCCGG
 AGATGTCAGCTGTGCGCGGGGTCCGGCAGGCGAAGATGCAGCACTTGCTCAGGGAGAGGGAACAAGACCT
 GCGCCACCTGCAAGGGGGAAGAAGCTGTTGCACTTCATCCAGCTTGTATCATGTGGAAGAAGAGCTT
 GTTTGAGTTTGTGCTGAGCACCAGGCTCAACTGCCCCAGGGAGCTCCTTGCTAAAGCCAAAGGAGAAAAC
 CTCTTTAAGGATGAAAACCTCGGTGGTGTACCCATCGTGGACTTCCCTCTGCGAGACATCTCTTGCT
 CCCAGAGGGGCATTGCAGAGCACAGCGCTGCCTTGGCCTCCCGTGCCCGCGTCTGCAGCAGCGCCAGAC
 CATTGAGCTGATCCCCCTCACAGAAGTTCACTATTGGTACCAAGGAAAGACTTATGTCTACTACATCTAT
 GGCACTGACCACCAGGTGATGCGGTGGACTATCCTGAGCGGTATTGCTGTGGCTGTACCATCGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG232422 representing NM_001256749
 Red=Cloning site Green=Tags(s)

MTEEVAREALLSFVDSKCCYSSTVAGDLVIQELKRQTLCRYRLETFSESRISEWTFQPFTHNSVDGPQRG
 ASPRLWDIKVQGPMPFQEDTRKFQVPHSSLVKECHKCHGRGRYKCSGCHGAGTVRCPSCCGAKRKAKQSR
 RCQLCAGSGRRRCSTCSGRGNKTCATCKGEKLLHFIQLVIMWKNLSFEFVSEHRLNCPRELLAKAKGEN
 LFKDENSVVYPIVDPLRDISLASQRGIAEHSAAASRARVLQQRQTIELIPLTEVHYWYQGKTYVYIY
 GTDHQVYAVDYPERYCCGCTIV

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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.

RefSeq: [NM_001256749.2](#)

RefSeq Size: 1657 bp

RefSeq ORF: 909 bp

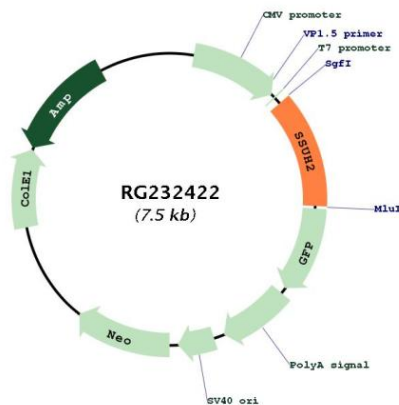
Locus ID: 51066

UniProt ID: [Q9Y2M2](#)

Cytogenetics: 3p25.3

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

Product images:



Circular map for RG232422