

Product datasheet for **RG205519**

C1orf19 (TSEN15) (NM_052965) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf19 (TSEN15) (NM_052965) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: C1orf19
Synonyms: C1orf19; PCH2F; sen15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG205519 representing NM_052965
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGAGGAGCGCGGCGATTCCGAGCCGACCCCGGCTGCAGCGGCCTGGGTCCGGGCGGTGTTCCGGCT
TTGGCGACGGCGGTGGAGCTCCTTCGTGGGCCCTGAGGACGCCTGGATGGGCACTACCCCTAAGTATCT
AGAAATGATGGAATTAGATATAGGAGATGCCACCAAGTTTATGTAGCGTTCTTGTTTACCTGGACCTC
ATGGAAAGCAAAAGCTGGCATGAAGTAACTGTGTAGGATTACCAGAACTCCAGCTCATCTGCCTTGTTG
GTACTGAGATAGAAGGGGAGGGTTACAGACTGTGGTGCCTACCCCATCACTGCTTCCCTCAGCCATAA
CAGGATAAGGGAGATCTTGAAGGCATCTCGAAAGTTGCAAGGTGATCCAGATTTGCCGATGTCTTTTACT
TTGGCCATAGTGGAGTCTGATTCTACAATAGTCTATTATAAACTTACTGATGGATTATGCTGCCAGACC
CTCAGAATATTTCTTTAGAAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205519 representing NM_052965
Red=Cloning site Green=Tags(s)

MEERGDSEPTPGCSGLPGGVRFVGDGGGAPSWAPEDAWMGTGHPKYLEMMELDIGDATQVYVAFVYLDL
 MESKSWHEVNCVGLPELQLICLVGTEIEGELQTVVPTPITASLSHNRIREILKASRKLQGDPLPMSFT
 LAIVESDSTIVYKLTDFMLPDPQNISLRR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_052965

ORF Size: 513 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_052965.4](#)

RefSeq Size: 1943 bp

RefSeq ORF: 516 bp

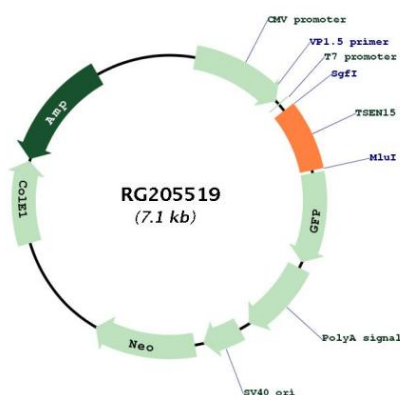
Locus ID: 116461

UniProt ID: [Q8WW01](#)

Cytogenetics: 1q25.3

Gene Summary: This gene encodes a subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from tRNA precursors. Alternative splicing results in multiple transcript variants. There is a pseudogene of this gene on chromosome 17. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RG205519