

Product datasheet for **RG215347**

C9orf127 (TMEM8B) (NM_001042590) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf127 (TMEM8B) (NM_001042590) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C9orf127
Synonyms:	C9orf127; FP588; LINC00950; NAG-5; NAG5; NGX6; NGX6a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG215347 representing NM_001042590
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACATGCCCCAGTCCCTGGCAACCCAGCCACTGCCCCAGAACCGCCATCCCTTGAACCCCTGCGG
 AGGGGCTGGGACCACGTCCCCACCCGAGCACTGCTGGCCAGTGCGCCCACTCTGCGCAACGAGCTGGA
 CACCTTCTCTGTCCACTTCTACATCTTCTTTGGCCCAAGTGTGGCCCTTCCCCCTGAGCGCCAGCCGTG
 TTCGCCATGAGGCTGTTGCCAGTCTGGACAGTGGAGGCGTCTCAGCCTGGAGCTCCAGCTCAATGCGA
 GCTCCGTGCGCCAGGAAAACGTGACGGTGTGGATGCTTACTCAGGAGTGCCTTGAGCCTGGGGGA
 TGCAGCAGTGACCTGTTCCAAAGAGTCCCTGGCCGGCTTCTCCTCTCTGTCACTGCCACCACAGGGTT
 GCCAGGCTGCGAATCCATTCCCGCAGACGGGACCTGGTTCTGGCCCTCCGCTCCCTGTGCGGGGTGG
 GGCTCGGTTCTGCGGTGCCGAACCGCAGCGCCGAGGTGCGGATGCGCACCTTCTGTCCCCATGCGT
 GGACGACTGCGGGCCCTACGGCCAGTGAAGCTGCTGCGCACACAATTATCTGTACGCAGCCTGCGAG
 TGCAAGGCCGGGTGGAGAGGCTGGGGCTGCACCGACAGTGCAGATGCGCTCACCTATGGATTCCAGCTGC
 TGTCACACTCCTGCTCTGCCTGAGCAACCTCATGTTTCTGCCACCTGTGGTCTGGCCATTGCGAGTCG
 ATATGTGCTGGAAGCTGCAGTCTACACCTTACCATGTTCTTCTCCACGTTCTATCATGCCTGTGACCAG
 CCAGGCATCGTGGTTTTCTGCATCATGGACTACGATGTGCTGCAGTTCTGTGATTTCTGGGCTCCTTAA
 TGTCCGTGTTGGTCACTGTCATTGCCATGGCTCGTTTACAGCCCGTGGTCAAGCAGGTGCTGATTTGCT
 GGGAGCTATGTGCTGTCCATGGCTCTGCAGCTTGACCGACATGGACTCTGGAACCTGCTGGACCCAGT
 CTCTTCGCCCTGGGGATCTTGGCCACAGCCTGGACAGTACGCAGCGTCCGCCCGCCGACCTGCTACCCAC
 CCACGTGGCGCCGCTGGCTTTTCTACTTGTGCCCTGGCAGCCTATTGCAGGCAGTCCGCTCGCTTTA
 TGCTTTTGTGGAGACCCGGGACAACTACTTCTACATTACAGCATTTGGCATATGCTCATTGCGGGCAGT
 GTGGGTTCTGCTGCCCCCTCGTGCCAAGACTGACCACGGGGTCCCATCTGGAGCCCGGGCCGGGGCT
 GTGGTTACCAGCTATGCATCAACGAGCAGGAGGAGCTGGGCTCGTGGGCCAGGAGGGGCCACTGTGAG
 CAGCATCTGTGCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215347 representing NM_001042590
 Red=Cloning site Green=Tags(s)

MNMPQSLGNQPLPEPPSLGTPAEGPGTTSPEHCWPVRPTLRNELDTFSVHFYIFFGPSVALPPERPAV
 FAMRLLPVLDSSGVL SLELQLNASSVRQENVTVFGCLTHEVPLSLGDAAVTCSKESLAGFLLSVSATTRV
 ARLRIPFPQTGTWFLALRSLCGVGRFVRCRNATAEVRMRTFLSPCVDDCGPYGQCKLLRTHNYLYAACE
 CKAGWRGWGCTDSADALTYGFQLLSTLLCLSNLMFLPPVVLAIERSRYVLEAAVYFTMFFSTFYHACDQ
 PGI VVFCIMDYDVLQFCDFL GSLMSVWVTVIAMARLQPVKQVLYLLGAMLLSMALQLDRHGLWNLLGPS
 LFALGILATAWTVRSVRRRHCPPTWRRWLFYLCPSGLIAGSAVLLYAFVETRDNYFYIHSIWHMLIAGS
 VGFLPPRAKTDHGVPSGARARGCYQLCINEQEELGLVPGGATVSSICAS

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001042590

ORF Size: 1416 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_001042590.2](#), [NP_001036055.1](#)

RefSeq Size: 3747 bp

RefSeq ORF: 2775 bp

Locus ID: 51754

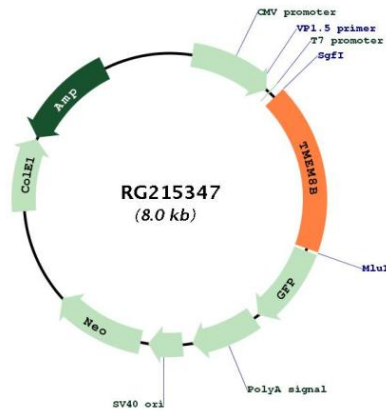
UniProt ID: [A6NDV4](#)

Cytogenetics: 9p13.3

Protein Families: Transmembrane

Gene Summary: May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG215347