

Product datasheet for **RG216395**

TAGLN3 (NM_001008273) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAGLN3 (NM_001008273) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TAGLN3
Synonyms: NP22; NP24; NP25
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG216395 representing NM_001008273
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTAACAGGGGCCGAGCTATGGCTTAAGCCGAGAGGTGCAGGAGAAGATCGAGCAGAAGTATGATG
 CGGACCTGGAGAACAAGCTGGTGGACTGGATCATCCTGCAGTGCGCCGAGGACATAGAGCACCCGCCCC
 CGGCAGGGCCATTTTCAGAAATGGTTAATGGACGGGACGGTCTGTGCAAGCTGATAAATAGTTTATAC
 CCACCAGGACAAGAGCCCATACCAAGATCTCAGAGTCAAAGATGGCTTTAAGCAGATGGAGCAAATCT
 CCCAGTTCCTAAAAGCTGCGGAGACCTATGGTGTGACAACCACCGACATCTTTCAGACGGTGGATCTATG
 GGAAGGGAAGGACATGGCAGCTGTGCAGAGGACCTGATGGCTTAGGCAGCGTTGCAGTACCAAGGAT
 GATGGCTGCTATCGGGGAGAGCCATCCTGGTTTACAGGAAAGCCAGCAGAATCGGAGAGGCTTTCCG
 AGGAGCAGCTTCGCCAGGGACAGAACGTAATAGGCCTGCAGATGGGCAGCAACAAGGGAGCTCCAGGC
 GGGCATGACAGGGTACGGGATGCCAGGCAGATCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG216395 representing NM_001008273
 Red=Cloning site Green=Tags(s)

MANRGPSTYGLSREYQEKIEQKYDADLENKLVDWIILQCAEDIEHPPPGRAHFQKWLMDGTVLCKLINSLY
 PPGQEPKPKISESKMAFKQMEQISQFLKAAETYGVRTTDFQTVDLWEGKDMAAVQRTLMALGSAVATKD
 DGCYRGEPSWFRKAQQNRRGFSEEQLRQGNVIGLQMGSNKGASQAGMTGYGMPRQIM

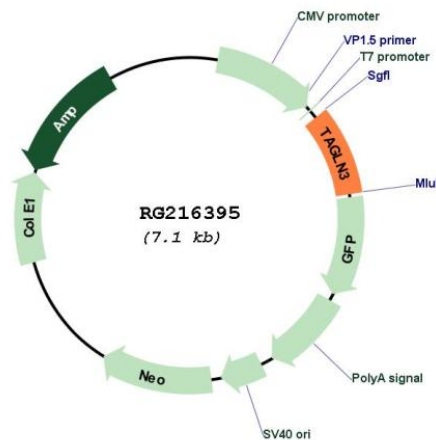
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001008273

ORF Size: 597 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_001008273.1](#), [NP_001008274.1](#)

RefSeq Size: 1214 bp

RefSeq ORF: 600 bp

Locus ID: 29114

UniProt ID: [Q9UI15](#)

Cytogenetics: 3q13.2