

Product datasheet for **RG236507**

TAGLN2 (NM_001277223) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAGLN2 (NM_001277223) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TAGLN2
Synonyms: HA1756
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236507 representing NM_001277223.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCCAACAGGGGACCTGCATATGGCCTGAGCCGGGAGGTGCAGCAGAAGATTGAGAAACAATATGAT
GCAGATCTGGAGCAGATCCTGATCCAGTGGATCACCACCCAGTGCCGAAAGGATGTGGGCCGCCCCAG
CCTGGACGCGAGAACTTCCAGAACTGGCTCAAGGATGGCAGCGTGTCTATGTGAGCTCATTAAATGCACTG
TACCCCGAGGGGCGAGGCCCCAGTAAAGAAGATCCAGGCCCTCCACCATGGCCTTCAAGCAGATGGAGCAG
ATCTCTCAGTTCTGCAAGCAGCTGAGCGCTATGGCATTAAACCCACTGACATCTTCCAACTGTGGAC
CTCTGGGAAGAAAGAACATGGCCTGTGTGCAGCGGACGCTGATGAATCTGGGTGGGCTGGCAGTAGCC
CGAGATGATGGGCTCTTCTCTGGGGATCCCAACTGGTTCCTAAGAAATCCAAGGAGAATCCTCGGAAC
TTCTCGGATAACCAAGCTGCAAGAGGGCAAGAACGTGATCGGGTTACAGATGGGCACCAACCCGCGGGCG
TCTCAGGCAGGCATGACTGGCTACGGGATGCCACGCCAGATCCTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236507
Blue=ORF Red=Cloning site Green=Tag(s)

```
MANRGPAYGLSREYVQKIEKQYDADLEQILIQWITTQCRKDVGRPQPGRENFQNWLKDGTVLCELINAL
YPEGQAPVKKIQASTMAFKQMEQISQFLQAAERYGINTTDIFQTVDLWEGKNMACVQRTLMNLGGLAVA
RDDGLFSGDPNWFPKSKENPRNFSDNQLQEGKNVIGLQMGNTNRGASQAGMTGYGMPRQIL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSPGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERY
```

Restriction Sites: SgfI-MluI



RefSeq: [NM_001277223.2](#)

RefSeq Size: 1384 bp

RefSeq ORF: 600 bp

Locus ID: 8407

UniProt ID: [P37802](#)

Cytogenetics: 1q23.2

MW: 22.8 kDa

Gene Summary: The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]