

Product datasheet for **SC115314**

TAGLN3 (NM_013259) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAGLN3 (NM_013259) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAGLN3
Synonyms:	NP22; NP24; NP25
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115314 sequence for NM_013259 edited (data generated by NextGen Sequencing)

```
ATGGCTAACAGGGGCCCGAGCTATGGCTTAAGCCGAGAGGTGCAGGAGAAGATCGAGCAG
AAGTATGATGCGGACCTGGAGAACAAGCTGGTGGACTGGATCATCCTGCAGTGCGCCGAG
GACATAGAGCACCCGCCCGGAGGGCCATTTTCAGAAATGGTTAATGGACGGGACG
GTCCTGTGCAAGCTGATAAATAGTTTATACCCACCAGGACAAGAGCCCATACCCAAGATC
TCAGAGTCAAAGATGGCTTTTAAGCAGATGGAGCAAATCTCCAGTTCCTAAAAGCTGCG
GAGACCTATGGTGTGAGAACCACCGACATCTTTCAGACGGTGGATCTATGGGAAGGGAAG
GACATGGCAGCTGTGCAGAGGACCCTGATGGCTTAGGCAGCGTTGCAGTACCAAGGAT
GATGGCTGCTATCGGGGAGAGCCATCCTGGTTTCACAGGAAAGCCAGCAGAATCGGAGA
GGCTTTTCCGAGGAGCAGCTTCGCCAGGGACAGAACGTAATAGGCCTGCAGATGGGCAGC
AACAAGGGAGCCTCCAGGCGGGCATGACAGGGTACGGGATGCCAGGCAGATCATGTAG
```

Clone variation with respect to NM_013259.2



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5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_013259 unedited
GGGTGTTTACAGATTTGTATACGACTCCTATAGGCGGCCGCGNAATCGGCACGAGGGAGGCA
GCAGCGGCTGCAGTTCAACATGAAAGAGGCTTCTCCCTGCCTGCTAATTACCTGCTCTT
CCCCATCTCATCGTTTCTGCCTTTGCAAAGTGCTACTGAGAAGCGGGAAGAAACGTCCGC
CACCCATCCCCCTTGCTGCCTGGGGTTTCACTGACTTATTAGATGGCTAACAGGGGCCCGA
GCTATGGCTTAAGCCGAGAGGTGCAGGAGAAGATCGAGCAGAAGTATGATGCGGACCTGG
AGAACAAAGCTGGTGGACTGGATCATCTGCAGTGCGCCGAGGACATAGAGCACCCGCCCC
CCGGCAGGGCCCAATTTTTCAGAAATGGTTAATGGACGGGACGGTCTGTGCAAGCTGATAA
ATAGTTTATACCCACCAGGACAAGAGCCCATACCCAAGATCTCAGAGTCAAAGATGGCTT
TTAAGCAGATGGAGCAAATCTCCAGTTCTAAAAGCTGCGGAGACCTATGGTGTGAGAA
CCACCGACATCTTTCAGACGGTGGATCTATGGGAAGGGAAGGACATGGCAGCTGTGAGAA
GGACCCTGATGGCTTTAGGCAGCGTTGCAGTACCAAGGATGATGGCTGCTATCGGGGAG
AGCCATCTGGTTTACAGGAAAGCCAGCAGAATCGGAGAGGCTCTTCCGAGGAGCAGC
TTGCCAGGGACAGAACGTAATAGGCCTGCAGATGGGCAGCAACAAGGGAGCCTCCAGC
GGGCATGACAGGGTACGGGATGCCAGCCANACATGTTAGACGCCGCATCCTGCCCTGC
TACAGAGGACGAATGTTCCACCATGGTCTCTACGAAAAGAAT
```

3' Read Nucleotide Sequence:

```
>OriGene 3' read for NM_013259 unedited
GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTGACACAAGACTAATT
ACTTTATTAGGTGCATTCTATAAGTTGAAGAGGAGAATTTTTGGCAAATAAATAAATAAA
TAAATAAATAATCAAACAGAGACTCTGGGGCCCGAGGAGCTCAGGAAAATGGAAGCGGAG
TCTTTGCATAGTTCTAAATGAACAGGAGGTGGCAGCAGTAGGCAACGCGGATTCTCGGCG
GAAATGCAGCACTTGCAAAAACAGGGACAGAAGGCTTTGAGAAAAGAGGAGAAGGTCAGA
AGGTGACTAACTATTTCTTTTTCTAGAGACCATGGTGTGGAACATTCTGCTCTCTACC
AGGGGCAGGATGCCGCGTCTACATGATCTGCCTGGGCATCCCGTACCCTGTCATGCCCCG
CCTGGGAGGCTCCCTTGTGCTGCCATCTGCAGGCCTATTACGTTCTGTCCCTGGCGAA
GCTGCTCTCGGAAAAGCCTCTCCGATTCTGCTGGGCTTTCTGTGAAACCAGGATGGCT
CTCCCCGATAGCAGCCATCATCCTTGGTACTGCAACGCTGCCTAAAGCCATCAGGGTCC
TCTGCACAGCTGCCATGTCTCCCTCCCATAGATCCACCGTCTGAAAGATGTCGGTGG
AAGCCATCTTTGACTCTGAGATCTTGGGTATGGGCTCTTGTCTGGTGGGTATAAACTAT
TTATCAGCTTGCACAGGACCGTCCCGTCCATTAACCATTTCTGAAAATGGGCCCTGCCG
GGGGCGGGTGTCTATGTNCTCCGCGCACTGCAGGATGATACAGTCCACCAGCTTGTNC
TCCAGTCCGCATAN
```

Restriction Sites:

NotI-NotI

ACCN:

NM_013259

Insert Size:

1300 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_013259.2](#), [NP_037391.2](#)

RefSeq Size: 1503 bp

RefSeq ORF: 600 bp

Locus ID: 29114

UniProt ID: [Q9UI15](#)

Cytogenetics: 3q13.2

Domains: calponin, CH