

Product datasheet for **SC323021**

Fibulin 7 (FBLN7) (NM_001128165) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fibulin 7 (FBLN7) (NM_001128165) Human Untagged Clone
Tag: Tag Free
Symbol: Fibulin 7
Synonyms: TM14
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001128165, the custom clone sequence may differ by one or more nucleotides

```
ATGGTGCCAGCTCTCCGCGCGCTCTTCTTCTGCTCCTGATCCTCGCCTGCCCGAG
CCGCGGGCTTCCAGAACTGTCTCAGCAAACAGCAGCTCCTCTCGGCCATCCGCCAGCTG
CAGCAGCTGCTGAAGGGCCAGGAGACACGCTTCGCGGAGGGCATCCGCCACATGAAGAGC
CGGCTGGCCGCTGCAGAACTCTGTGGGCAGGGTGGGCCAGATGCCCTTCCAGTTTCC
TGCCCGGCTCTGAACACCCCGCAGACGGCAGAAAGTTTGAAGCAAGTACTTAGTGGAT
CACGAAGTCCATTTACCTGCAACCCTGGGTTCGGCTGGTCCGGCCAGCAGCGTGGT
TGTCTTCCAATGGCACCTGGACAGGGGAGCAGCCCACTGTAGAGGTATCAGTGAATGC
TCCAGCCAGCCTTGTCAAATGGTGGTACATGTGTAGAAGGAGTCAACCACTACAGATGC
ATTTGTCTCCAGGAAGGACTGGGAACCCTGTGAGCATCAGGCCAGACTGACGTGAAC
GAGTGTGAGCTCTACGGGCAGGAGGGGCGCCCGGCTCTGCATGCACGCTGCGTGAAC
ACCCCGGGCTCTTACCGTTGCACCTGCCCGGTGGATACCGAACTCTGGCTGACGGGAAG
AGCTGTGAGGATGTGGATGAATGTGTGGCCTGCAGCCGGTGTGCCCCAGGGGACCACA
TGCATCAACACCGGTGGAAGCTTCCAGTGTGTAGCCCTGAGTGGCCGAGGGCAGCGGC
AATGTGAGCTACGTGAAGACGTCTCCATTCCAGTGTGAGCGGAACCCCTGCCCATGGAC
AGCAGGCCCTGCCGCATCTGCCAAGACCATCTCCTTCCATTACCTCTCTGCCTTCC
AACCTGAAGACGCCATCACGCTTTCGCATGGCCACAGCCTCTGCCCCGCGCCGAGCT
GGGCCCAACAGCCTGCGGTTTGGGATCGTGGGTGGGAACAGCCGCGGCCACTTTGTGATG
CAGCGTTCAGACCGCAGACTGGGGATCTGATCCTTGTGAGAACCTGGAGGGCCCTCAG
ACGCTGGAGGTGGACGTGCACATGTGGAATACCTGGACCGCTCCTTCCAGGCCAACAC
GTGTCCAAGGTACCATCTTTGTATCCCCCTATGACTTC
```

Restriction Sites: Please inquire

ACCN: NM_001128165

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).



[View online »](#)

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_001128165.1</u> , <u>NP_001121637.1</u>
RefSeq Size:	2191 bp
RefSeq ORF:	1182 bp
Locus ID:	129804
UniProt ID:	<u>Q53RD9</u>
Cytogenetics:	2q13-q14.1
Protein Families:	Druggable Genome
Gene Summary:	<p>An adhesion molecule that interacts with extracellular matrix molecules in developing teeth and may play important roles in differentiation and maintenance of odontoblasts as well as in dentin formation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) omits an alternate in-frame coding exon resulting in a shorter protein isoform (2), compared to transcript variant 1.</p>