

Product datasheet for **SC122297**

EMILIN1 (BC017284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EMILIN1 (BC017284) Human Untagged Clone
Tag:	Tag Free
Symbol:	EMILIN1
Synonyms:	EMI; EMILIN; gp115
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for BC017284 edited
 GTCAGGCCAGGCAGCCAAGGAGAAGACGTGTGGCCGGGGCTATCAGAAGGAACTGGGA
 CGGACGGGCCGGGCTCGGGCTGTCTGTGGAGCAGCAGCATCCCCGGGGCCGGCAGAGGC
 GCCAGTGGCTGGGCGGGATGAGTCTCTGAGGGCCACTGTGGAGCGCCCGCCATGGCCCC
 CGCACCCTCTGGAGCTGTACCTCTGTGCCTGCTGACGGCAGCTGCAGGGGCCCCAGC
 TACCCTCTCGAGTTTCAGCCTCTACACAGGTTCCAGTGGGGCCCTCAGCCCCGGGGGG
 CCCCAGGCCAGATTGCCCCCGCCAGCCAGCCGCCACAGGAACTGGTGTGCCTACGTG
 GTGACCCGGACAGTGAGCTGTGTCTTGAGGATGGAGTGGAGACATATGTCAAGTACCAG
 CCTTGTGCCTGGGGCCAGCCCCAGTGTCCCAAAGCATCATGTACCGCCGCTTCTCCGC
 CCTCGCTACCGTGTGGCCTACAAGACAGTGACCGACATGGAGTGGAGGTGCTGTCAAGGT
 TATGGGGCGATGACTGTGCTGAGAGTCCCGCTCCAGCGTGGGGCTGCGTCTTCCACA
 CCACGGCCCTGGCCGGCTGCCCGCCCAACCTCTCTGGTCCAGTGCAGGCAGCCCC
 CTCAGTGGACTGGGGGAGAAGGTCTGGGGAGTCAAGAAAGTGCAGCAGCTGGAGGAA
 CAGGTGCAGAGCCTGACCAAGGAGCTGCAAGGCCTGCGGGCGTCTGCAAGGACTGAGC
 GGGCGCTGGCAGAGGATGTGCAGAGGGTGTGGAGACGGCTTCAACGGGAGGCAGCAG
 CCAGCTGACGCGCTGCCCGCCCTGGGGTGCATGAAACCCTCAATGAGATCCAGCACCAG
 CTGCAGCTCCTGGACACCCGCTCTCCACCCACGACCAGGAGCTGGGTACCTCAACAAC
 CATCATGGCTGACCTGGGGGCAACCAAGGACCGTATCATTCTGAGATTAACAGGCTGCA
 GCAGGAGGCCACAGAGCATGCTACAGAGAGTGAAGAGCGCTTCCGAGGCCATAGAGGAGGG
 ACAAGCACAGGCCGGCCAGTGTCCACAGCTTAGAGGGGCGATTGGGCCGTCTTGGGGTGT
 CTGTGAACGGTTGGACTGTGGCTGGGGACTGCAGGGCCTGCGCGAGGGCCTTCCAG
 ACACGTGGCTGGCTCTGGCTGGGCTCCGGGAAACCAACACCACCAGCCAGATGCAGCC
 AGCCCTGCTGGAGAAGTGGTGGGGGACAGGGGGCTGGGCAGCGCGTGGGTGCCCT
 TAACAGTCCCTGCAGCTCCTGGAGGACCGTCTGCACCAGCTCAGCCTGAAGGACCTCAC
 TGGTGAGGGGACAAAAGGCGCTGCAGGAGAGGCTGGGCCCCAGGGCCTCCTGGGCTGCA
 GGGACCCCAAGCCCTGCTGGACCTCCAGGATCACAGGCAAGGACGGGCAAGAGGGCCC
 CATCGGGCCACCAGTCTCAAGGTGAACAGGGAGTGGAGGGGGCACCAGCAGCCCTGT
 GCCCAAGTGGCATTTCAGCTGCTCTGAGTTTGGCCGGTCTGAACCAGGCACGGTCCC
 CTTGACAGAGTCTGCTCAATGATGGAGGCTATTATGATCCAGAGACAGGCGTGTTCAC
 AGCGCCACTGGCTGGACGCTACTTGTGAGCGCGGTGCTGACTGGGCACCGGCACGAGAA
 AGTGGAGGCCGTGCTGTCCCGCTCCAACCAGGGCGTGGCCCGGTAGACTCCGGTGGCTA
 CGAGCCTGAGGGCCTGGAGAATAAGCCGGTGGCCGAGAGCCAGCCAGCCCGGGCACCT
 GGGCGTCTCAGCCTCATCTGCCGCTGCAGGCCGGGGACACGGTCTGCGTGCACCTGGT
 CATGGGGCAGCTGGCGCACTCGGAGGAGCCGCTCACCATCTTACAGCGGGGCCCTGCTCTA
 TGGGGACCCAGAGCTTGAACACGCGTAGACTGGGGTCCCGCCCGAGTGTCTACGTGGC
 TGAAGAGACAGCGGGGGCGGGGCTCCTGGGGTCTCGCTGAGACGGGGCACCTAGCCC
 TGGGCGAGCGCCGACCCCGGGCCCGCAGCGCACCGCGCCAGAGCGGCCTCTCCCCACG
 CCCGGGGCGCGCGCTCAGGGAGGCTCGGGGCCGCCATGCAGACTTTTGGCCTGGCGC
 GATCCCCAAGAACCCTCCAGGGCCGGCCTGCGGAGGAGCCGATCCTCGCACCTCCGC
 TCCTCCACTGGCCCTCAGGTGATTCCCTGGGCTCCAGGCTCCCGCGCGGGGCGCG
 CCCACCGCATACTAAACGATCGAGGAATAAAGACACTTGGTTTTTCTAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for BC017284 unedited GGAAGCGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGTCA GGCCAGGCAGCCAAGAGAAGAGTGTGGCCGGGGGCTATCAGAAGGAACTGGGACGGACG GGCCGGGCTCGGGCTGTCTGTGGAGCAGCAGCATCCCGGGGCCGGCAGAGGGCCAGT GGCTGGGCGGGATGAGTCTGTGAGGGCCACTGTGGAGCGCCCCGCCATGGCCCCGCACC CTCTGGAGCTGCTACCTGTCTGCCTGTGACGGCAGCTGCAGGGGCCGCCAGCTACCCT CCTCGAGGTTTCAGCCTCTACACAGGTTCCAGTGGGGCCCTCAGCCCCGGGGGGCCCCAG GCCAGATTGCCCGCCAGCCAGCCGCCACAGGAACGGTGTGCCTACGTGGTGACC CGGACAGTGAGCTGTGTCTTGAGGATGGAGTGGAGACATATGTCAAGTACCAGCCTTGT GCCTGGGGCCAGCCCCAGTGTCCCAAAGCATCATGTACCGCCGTTCTCCGCCCTCGC TACCGTGTGGCCTACAAGACAGTGACCGACATGGAGTGGAGGTGCTGTCAGGGTTATGGG GGCGATGACTGTGCTGAGAGTCCCCTCCAGCGCTGGGGCCTGCGTCTTCCACACCAGG CCCCTGGCCCGCCTGCCCGCCCCAACCTCTCTGGCTCCAGTGCANGCAGCCCCCTCAGT GGACTGGGGGGAAGGTCTGGGGAGTCAGAGAAAGTGCAGCAGCTGGAGGAAACAGTG CAGAGCCTGACCAAGGAGCTGCAAGGCCGCGGGGCGTCTGCAAGGACTGAGCGGGCCG CTGGCANAAGATGTGCANAGGGCTGTGGAGACGGCCCTAACGGGAGGCAGCAGCCAGCT GACG
Restriction Sites:	Please inquire
ACCN:	BC017284
Insert Size:	2418 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:	<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:	BC017284.1
RefSeq Size:	2427 bp
Locus ID:	11117
Cytogenetics:	2p23.3
Gene Summary:	This gene encodes an extracellular matrix glycoprotein that is characterized by an N-terminal microfibril interface domain, a coiled-coiled alpha-helical domain, a collagenous domain and a C-terminal globular C1q domain. The encoded protein associates with elastic fibers at the interface between elastin and microfibrils and may play a role in the development of elastic tissues including large blood vessels, dermis, heart and lung. [provided by RefSeq, Sep 2009]