

Product datasheet for **SC303870**

EMILIN1 (NM_007046) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EMILIN1 (NM_007046) 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: >NCBI ORF sequence for NM_007046, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCCCGCACCCCTCTGGAGCTGCTACCTCTGCTGCCTGCTGACGGCAGCTGCAGGGGCCGCCAGT
ACCCTCCTCGAGTTTCAGCCTCTACACAGTTCCAGTGGGGCCCTCAGCCCCGGGGGGCCCCAGGCCCA
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GACACGGTCTGCGTCGACCTGGTCATGGGGCAGCTGGCGCACTCGGAGGAGCCGCTCACCATCTCAGCG
GGGCCCTGCTCTATGGGGACCCAGAGCTTGAACACGCGTAG
    
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Restriction Sites: Please inquire

ACCN:	NM_007046
Insert Size:	3800 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).
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_007046.1</u> , <u>NP_008977.1</u>
RefSeq Size:	3431 bp
RefSeq ORF:	3051 bp
Locus ID:	11117
UniProt ID:	<u>Q9Y6C2</u>
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]