

Product datasheet for **SC331474**

ECM1 (NM_001202858) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ECM1 (NM_001202858) Human Untagged Clone
Tag: Tag Free
Symbol: ECM1
Synonyms: URBWD
Vector: pCMV6-Entry (PS10001)
Fully Sequenced ORF: >SC331474 representing NM_001202858.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGACCACAGCCAGAGCAGCCTTGGTCTTGACCTATTTGGCTGTTGCTTCTGCTGCCTCTGAGGGA
GGCTTCACGGCTACAGGACAGAGGCAGCTGAGGCCAGAGCACTTCAAGAAGTTGGCTACGCAGCTCCC
CCCTCCCCACCCCTATCCCGAAGCCTCCCATGGATCACCTGACTCCTCTCAGCATGGCCCTCCCTTT
GAGGGACAGAGTGAAAGGAGGGAAGAGGCCCTCGCCCCACTCCAGCCCTGGCTAGGAGAAAGGGTG
GGCTGCTCACACATTCCCCTTCTATAGTGCAGCCCCCTCCTCTCAGGAGGCCACCCCTCTCCAACAG
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TATCTGAGGAACGTGGCTCTAGTGTCTGGAGACTGAGAACGCCAAGGGCCAGGGGGAGCAGGGCTCA
ACTGGAGGAACAAATATCAGCTCCACCTCTGAGCCCAAGGAAGAATGA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001202858



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Insert Size:	1704 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:	NM_001202858.1
RefSeq Size:	2242 bp
RefSeq ORF:	1704 bp
Locus ID:	1893
UniProt ID:	Q16610
Cytogenetics:	1q21.2
Protein Families:	Secreted Protein, Transmembrane
MW:	63.6 kDa
Gene Summary:	<p>This gene encodes a soluble protein that is involved in endochondral bone formation, angiogenesis, and tumor biology. It also interacts with a variety of extracellular and structural proteins, contributing to the maintenance of skin integrity and homeostasis. Mutations in this gene are associated with lipoid proteinosis disorder (also known as hyalinosis cutis et mucosae or Urbach-Wiethe disease) that is characterized by generalized thickening of skin, mucosae and certain viscera. Alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. [provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (3) uses alternate in-frame donor and acceptor splice sites at 2 adjacent exons compared to variant 1, resulting in a longer isoform (3) compared to isoform 1.</p>