

Product datasheet for **SC316104**

oncomodulin (OCM) (NM_001097622) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	oncomodulin (OCM) (NM_001097622) Human Untagged Clone
Tag:	Tag Free
Symbol:	oncomodulin
Synonyms:	OCM1; OM; ONCM
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001097622, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGAGCATCACGACGTGCTCAGTGCTGACGACATTGCAGCAGCGCTCCAGGAATGCCGA GACCCAGACACTTTTGAACCCCAAAATTCCTCCAGACATCAGGCCTCTCCAAGATGTCA GCCAATCAGGTGAAGGATGTTTCCGGTTCATAGACAACGACCAGAGCGGGTACCTGGAT GAAGAAGAGCTTAAGTTTTCTCCAGAAGTTTGAGAGTGGTCCAGAGAACTGACCGAG TCAGAAACCAAGTCCTTGATGGCTGCGGCGGATAATGATGGAGATGGGAAAATTGGAGCA GAGGAATTCCAGGAAATGGTGATTCT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001097622
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).



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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_001097622.1](#), [NP_001091091.1](#)

RefSeq Size: 744 bp

RefSeq ORF: 330 bp

Locus ID: 654231

UniProt ID: [P0CE72](#)

Cytogenetics: 7p22.1

Gene Summary: Oncomodulin is a high-affinity calcium ion-binding protein. It belongs to the superfamily of calmodulin proteins, also known as the EF-hand proteins. Oncomodulin is an oncodevelopmental protein found in early embryonic cells in the placenta and also in tumors. [provided by RefSeq, Jul 2008]