

Product datasheet for **SC303745**

OCM2 (NM_006188) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OCM2 (NM_006188) Human Untagged Clone
Tag:	Tag Free
Symbol:	OCM2
Synonyms:	OCM; OM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303745 representing NM_006188. Blue=Insert sequence Red=Cloning site Green=Tag(s)

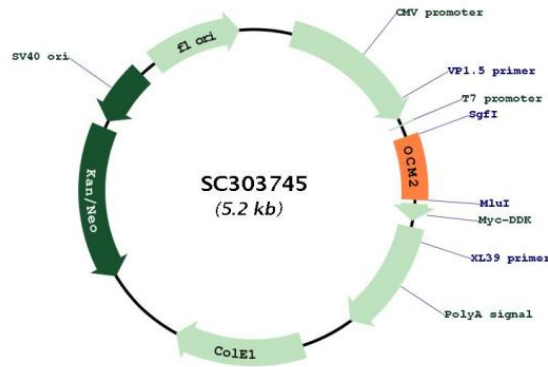
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCATCACGGACGTGCTCAGTGCTGATGACATTGCAGCAGCGCTCCAGGAATGCCAAGACCCAGAC
ACTTTTGAACCCCAAAAATCTTCCAGACGTCAGGCCTCTCCAAGATGTCAGCCAGTCAGGTGAAGGAT
GTTTTCCGGTTCATAGACAACGACCAGAGCGGGTATCTGGATGAAGAAGAGCTTAAGTTTTTCTCCAG
AAGTTTGAGAGTGGTCCAGAGAACTGACCGAGTCAGAAACCAAGTCCTTGATGGCTGCGGCGGATAAT
GATGGAGATGGAAAATGGAGCAGAGGAATCCAGGAAATGGTGCATTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_006188

Insert Size: 330 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:

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_006188.3](#)

RefSeq Size: 588 bp

RefSeq ORF: 330 bp

Locus ID: 4951

UniProt ID: [P0CE71](#)

Cytogenetics: 7q21.3

MW: 12.1 kDa

Gene Summary: This gene is similar to the oncomodulin gene, a high-affinity calcium ion-binding protein that belongs to the superfamily of calmodulin proteins, also known as the EF-hand proteins.
[provided by RefSeq, Jul 2008]