

Product datasheet for **MC209765**

Omd (NM_012050) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Omd (NM_012050) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Omd
Synonyms:	OSAD; SLRR2C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC209765 representing NM_012050
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTTTTAAAGTCCAATATATGTCCTTTTCTCTGTTTTGGAGTTAGAGTATACTGCCAATATGAAG
 CTTACCGATGGGATGACGATTATGACCAAGAGCCAAATGAGGATTATGATCCAGAATTCCAATTTTCATCA
 AAATATTGAATATGGAGTTCCCTTTTATAATAATTTTAGGTTGTGCTAAGGAATGCTTCTGTCCAAT
 AACTTTCCAACATCAATGTACTGTGACAATCGTAACTCAAGACTATCCCAATTATTCCAATGCACATTC
 AGCAACTCAACCTTCAGTTCAATGACATTGAGGCTGTGACTGCAAATTCATTATCAATGCAACTCATCT
 TAAAGAAATTAACCTTAGCCACAACAAATTAATCTCAAAGATTGATTATGGTGTATTCGCTAAACTT
 TCAATCTACAACACTTCATCTAGAGCACAATAACCTAGAAGAATTTCCATTTCCACTTCCAAATCTT
 TGGAAAGACTCCTTCTTGTTATAATGAAATCTCCATACTTCAACAAATGCCATGGACGGGCTGGTGAA
 TGTGACTATGCTTGACCTCTGCTATAATCATCTTTCTGATTGATGTTAAAGAAAAGACCCTTTCCAAA
 ATGGAAAAATTAATGCAGCTCAACCTATGTAATAACAGATTAGAATCAATGCCCTTGGATTGCCTTCAT
 CACTTATGTATCTATCTTAGAAAAATAATTCAATTTCTATATACCAGACAATTATTTTGACAACTTCC
 AAACTTCATGCTCTAAGAATATCACACAACAACTGGAAGACATTCCATATGACATCTTTAATCTTTCC
 AATCTTATAGAATCAACGTTGGACACAATAAATTGAAGCAAGCATTCTACATTTCAAGGAATTTGGAAC
 ATCTATACCTACAAAATAATGAAATAGAAAGCATCAATGTGACATGATATGCTTCTCCTGATCCAGT
 ACACCATCACCATTAAACATACCTTCGTGTGGACCAAAATAAGCTGAAAGAACCAATAAGTTCATACATC
 TTCTTCTGCTTCCCTCGTATACACAGTATTTATATGGTGAGCAGAGGAGTACTAACGGTGAAACAATTC
 AACTGAAGACCCAAGTTTTCAGGAGCTACCAAGAGGAGGAAGAGGAAGACGACCATGACAGTCAGGACAA
 CACTCTTGAGGGTCAAGAAGTATCAGATGAGCACTATAATTCTCATTACTATGAGATGCAAGAGTGGCAA
 GATACTATAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_012050
- Insert Size:** 1272 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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_012050.2</u> , <u>NP_036180.1</u>
RefSeq Size:	1751 bp
RefSeq ORF:	1272 bp
Locus ID:	27047
UniProt ID:	<u>O35103</u>
Cytogenetics:	13 A5
Gene Summary:	May be implicated in biomineralization processes. Has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin (By similarity).[UniProtKB/Swiss-Prot Function]