

Product datasheet for **MC204291**

Ogn (NM_008760) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ogn (NM_008760) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ogn
Synonyms: 3110079A16Rik; mimecan; mimican; OG; OIF; SLRR3A
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021939
 CTAACCTCAGTCACCTTGTGTCTGCTGAAATGGAGACTGTGCACTCTACATTTCTCCTGCTACTCTTCGT
 GCCTCTGACACAGCAAGCACCACAGTCGCAGCTGGACTCACATGTTAACTATGAGTATGCAACAGGCAAT
 TCTGAAGAAACCAAATTTAGCCAGGATTATGAAGATAAATACCTGGATGGGAAAAGTATTAAGGAAAAAG
 AAATATGATAATTCCTGATGAGAAAAGCTTCAGTTACAAAAAGATGAAGTTATACCATCATTACCAAC
 CAAGAAAGAAAATGATGAAATGCCACATGCCTGTTGTGTCTGCTTAAAGTGGCTCTGTCTACTGTGAA
 GAAGTTGACATTGATGCTGTACCACCATTGCCAAAGGAATCAGCTTATCTTTATGCACGATTCAACAAAA
 TAAAAAGCTGACTGCCAAGGATTTTGCAGACATGCCAAACCTAAGAAGACTTGATTTACGGGAAATTT
 GATAGAAGACATAGAAGATGGGACTTTTTCAAACCTTCTCTGTTAGAAGAACTTACACTTGCTGAAAA
 CAACTACTAAGACTTCCAGTCTTCTCCAAAGCTTACTTTACTTAATGCCAAACACAACAAAATCAAGA
 GTAAAGGAATTAAGCAAACACATTCAAAAACTGAATAAACTCTTTTTCTCTATTTGGACCATAACGA
 CCTGGAATCTGTGCCTCCTAATTTACCAGAAAGTCTACGTGTAATTCACCTTCAGTTAACAGCATATCT
 TCCTTACAGATGATACATTCTGCAAGGCTAATGACACTCGTTACATTCCGGAGCGAATTGAAGAGATTC
 GCCTGGAGGGCAATCCAATTGCTCTGGGAAAGCATCCAAACAGTTTTATCTGCTTAAAAAGATTACCCAT
 AGGGTCATACTTCAACCCATCAGTGCAGCTTAACCTAAGGTACATGTGCCTAATGTCTAAAGGAAC
 AGAAACATTAGTTAACATTACCGTTTTATCTCACTCTGATGGAAGTTTATGTTTAAACAAAGTGTCCAA
 AATTGTTGATGTGACTACAAAAATAATCCAGCCTGAATCTCTTAGTTCAAAAACAAAATACTGTGAAACT
 AAACAGCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008760
Insert Size: 897 bp



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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:	<u>BC021939</u> , <u>AAH21939</u>
RefSeq Size:	1143 bp
RefSeq ORF:	897 bp
Locus ID:	18295
UniProt ID:	<u>Q62000</u>
Cytogenetics:	13 A5
Gene Summary:	Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.[UniProtKB/Swiss-Prot Function]