

Product datasheet for **MC200272**

Ociad1 (BC006937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ociad1 (BC006937) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ociad1
Synonyms:	OCIA, TPA018
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC006937
CGGACGCGTGGGCGCTGTGCCTGTCTCTGGGGTCTCTCCCGGCTCTACCCCGGGTCTGCTCCCAGC
GTTGCCGCTCCATCGTGAGGAATATGAATGGGAGGGCTGATTTTCGAGAACC GAATGCACAAGTGTC
AGACCTATTCGACATAGGAGGCGGTTATTCGACAGAGGAGGAGTGGAGACTCTTTCAGAGTGCC
ATGAAGAGTGCTTCTGGTTCAGATCTGTGCCGTTGGCTGCCACAAGTATGCTGATTACTCAAGGATTA
TAGTAAAGGAATCCTGTCAAGTCATCCAAAATATGGTTCAATTCCTAAACTTCTATTCGCTTGATCGTG
GGTACTTCGCTGAAAAGCTTTTACGTGAAAACGTGCCAAGAGAAGTCAAGAAGCTTGAAAACCTCCC
CCCTTGAGAAGCACTGCGGTGCGGAGAATTGCGGCGCTTCTCCACCAGGGCACTATACTCAAAAGCC
TAAATTTGACTCAAATGTGAGTGGTCAGTCTCTTTTCGGGACATCTCCAGCAGCAGACAACATAGAAAAG
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CTGCCCAGATGCTGCTGCTCCCTTCCAAGACACCTTCTACTTTTGTGGAGACTTGTGCCCCCTGTGTA
GCTTTTTTCAAGGATCCAAAGACTTAGTGATCTTTTCAATTAAGAAGCATTCTGCCATACCTGTTGGTT
AGTTCTAGCCATTGCTGTTACAGGCTTTCTTATTCCTTCCAGGCTTAGTAACTTGACAGAGCTGTAAA
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CCTGGAAGGAATCTAGAGGTATGTAATCACATTTTCAATTTGGAGAAAACAGGGCTCAGAGAAGC
TTAGTGATTTGCCAAGGACTTGTGCCAATGGCTAGTCAAGTGAAGGTTGCAGACCCAGTGGTCTGACT
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CAAATGTTTTAAAATGAATATAAGATCATTTTCTAAATTAAGATTATTTTTCTTTTTATCCAGAAAATATT
AGTTTCTAATCATGGTATATTAGAGCAAATACCAGTTGAAATCCTGTTTTATATTGATATAGTATAATT
TACCAAAATAAAAGATTAAGGTTGAAAGTGCTACTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: BC006937

Insert Size:	570 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:	BC006937 , AAH06937
RefSeq Size:	3281 bp
RefSeq ORF:	570 bp
Locus ID:	68095
Cytogenetics:	5 C3.2
Gene Summary:	Maintains stem cell potency (PubMed:23972987). Increases STAT3 phosphorylation and controls ERK phosphorylation (PubMed:23972987). May act as a scaffold, increasing STAT3 recruitment onto endosomes (PubMed:23972987).[UniProtKB/Swiss-Prot Function]