

Product datasheet for **SC323784**

OCIAD1 (NM_017830) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: OCIAD1 (NM_017830) Human Untagged Clone
Tag: Tag Free
Symbol: OCIAD1
Synonyms: ASRIJ; OCIA; TPA018
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_017830.2
 TGTCTGGATGACTTCTTTCGGCTGTTCTACCCCTCCCCCTCCCCGCGGTACCTTGCACTT
 TTCTCCCTCCCTGCCCTCTCGAGTCCACCCTCCGGGCTTCTGCCCTGATCGCTTGG
 TTTTCCTTGCAAGTGCCTGCTGCTGCTCGGGAGGAAAGATGAATGGGAGGGCTGATTT
 TCGAGAGCCGAATGCAGAGGTTCCAAGACCAATCCCCACATAGGGCCTGATTACATTCC
 AACAGAGGAAGAAAGGAGAGTCTTCGCAGAATGCAATGATGAAAGCTTCTGGTTCAGATC
 TGTGCCTTTGGCTGCAACAAGTATGTTGATTACTCAAGGATTAATTAGTAAAGGAATACT
 TTCAAGTCATCCCAAATATGGTTCATCCCTAACTTATACTTGCTTGTATCATGGGATA
 CTTTGTGAAAACTTTCTTATGTGAAAACTTGCCAAGAGAAATCAAGAACTTGAAAA
 TTCCCCCTTGGAGAAGCTTTACGATCAGGACAAGCACGACGATCTTCACCACCTGGGCA
 CTATTATCAAAAGTCAAAATATGACTCAAGTGTGAGTGGTCAATCATCTTTTGTGACATC
 CCCAGCAGCAGACAACATAGAAATGCTTCTCATTATGAGCCAATTCCATTCAGTTCTTC
 TATGAATGAATCTGCTCCCACTGGTATTACTGATCATATTGTCCAAGGACCTGATCCCAA
 CCTTGAAGAAAGTCTAAAAGAAAAAATATTACATATGAGGAATTAAGGAATAAGAACAG
 AGAGTCATATGAAGTATCTTTAACACAAAAGACTGACCCCTCAGTCAGGCCTATGCATGA
 AAGAGTGCCAAAAAAGAAGTCAAAGTAAACAAGTATGGAGATACTTGGGATGAGTGAAA
 AATTACATCATTGGACATGAAGGAGTTTCAACATCCAGCTTCACTAGGTGGTCAATGATT
 ACCTGCATGCTTTGAGCTCAGCAGCAGTCTTCATAAACACATTTAAAACAAGATCCTGGG
 TTTTGTGGTTGACTTCTATGGTGTTTTAAAAAACACAGATTTTATGTTAATATTG
 TGTAATGTACTACCTTAGGGATTCATTTGAATGATGGTATTATACCATGATTGTATAC
 AGTTTGTGAAATTTGTTGCAAGGGCAAAGATAAAGTCTTAAAAAACCGTCGAGATTACAATG
 CTCTAGAATCAGCATATAAGAAAATAAATGATATCTGCATGTTGAATGGGGTGGATGGG
 GGGAGCAAGCATAATTTTAAAGTGTGAAGCTTTGCATCAAGAAATTATTTAAAAGCTTTT
 TTTCTCCAGTATTTCTGTATTATCTTAATGTTTATGGCAATAAAATGTAAAGGAACAT
 GCAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT



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ACCN:	NM_017830
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:	<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>NM_017830.2</u> , <u>NP_060300.1</u>
RefSeq Size:	2059 bp
RefSeq ORF:	738 bp
Locus ID:	54940
UniProt ID:	<u>Q9NX40</u>
Cytogenetics:	4p11
Gene Summary:	<p>Maintains stem cell potency (By similarity). Increases STAT3 phosphorylation and controls ERK phosphorylation (By similarity). May act as a scaffold, increasing STAT3 recruitment onto endosomes (By similarity). Involved in integrin-mediated cancer cell adhesion and colony formation in ovarian cancer (PubMed:20515946).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes isoform 1. Both variants 1 and 2 encode the same isoform.</p>