

Product datasheet for **SC124354**

C6orf130 (OARD1) (NM_145063) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf130 (OARD1) (NM_145063) Human Untagged Clone
Tag:	Tag Free
Symbol:	OARD1
Synonyms:	C6orf130; dj34B21.3; TARG1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145063, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAGCAGCCTTAATGAAGATCCAGAAGGAAGCAGAATCACTTATGTGAAAGGAGACCTTTTGCAT
GCCCGAAAACAGACTCTTTAGCCCACTGTATCAGTGAGGATTGTCGCATGGGCGCTGGGATAGCTGTCTCT
CTTTAAGAAGAAATTTGGAGGGGTGCAAGAAGCTTTAAATCAACAAAAGAAATCTGGAGAAGTGGCTGTT
CTGAAGAGAGATGGGCGATATATATATTACTTGATTACAAAGAAAAGGGCTTCGCACAAGCCAATTATG
AAAAGTTACAGAAGAGTTTAGAGGCAATGAAGTCTCATTGTCTGAAGAATGGAGTCACTGACCTCTCCAT
GCCCAGGATTGGATGTGGTCTTGATCGTCTGCAATGGGAAAATGTATCTGCGATGATCGAGGAGGATTT
GAGGCAACAGACATCAAATTAAGTGTGTACACTCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145063 unedited GATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGAGAAAGGAAGGAAGAAAGC GAAAGGAGCGGGCGCTAAGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAACCACCAC ACCCGCCGCGCTTAATGCGCCGCTACAGGGCGCGTACTATGGTTGCTTTGACGTATGCGG TGTGAAATACCGCACAGATGCGTAAGGAGAAAAACCGCATCAGGCGCCATTGGAATTC GGCACCAGGTGACTTGGCTGAAGAAACACTTAAATTCTGGAAATAGCGACTCAGTATCAT GGCCAGCAGCCTTAATGAAGATCCAGAAGGAAGCAGAATCACTTATGTGAAAGGAGACCT TTTTGCATGCCGAAAACAGACTCTTTAGCCCACTGTATCAGTGAGGATTGTCGCATGGG CGCTGGGATAGCTGTCTCTTTAAGAAGAAATTTGGAGGGGTGCAAGAACTTTTAAATCA ACAAAAGAAATCTGGAGAAGTGGCTGTTCTGAAGAGAGATGGGCGATATATATTACTT GATTACAAAGAAAAGGGCTTCGCACAAGCCAATTATGAAACTTACAGAAGAGTTTAGA GGCAATGAAGTCTCATTGTCTGAAGAATGGAGTCACTGACCTCTCCATGCCCAGGATTGG ATGTGGTCTTGATCGTCTGCATGGGAAAATGTATCTGCGATGATCGAGGAGGATTTGAG GCACAGACATCAAATTACTGTGTACACACTCTGAACCAGTGAACATTNTGGATGNNTTCC GTGTCTCTGTGCATCTCTACTGGCCATANGACCGGGCANACCTACCTTANATANGCA GAGNAAAGTTCATGAGAAGTANTGTGTTTACAAGACAGACTTGGTGTGNATCAGTATTG GATATGACGTGAGGAGGCTGCTANAATTGGGNTGGTTTTTGGGAAAATAGAATAGTGGCT GATATGCAGAACCNATGTCGACTGACTT
Restriction Sites:	NotI-NotI
ACCN:	NM_145063
Insert Size:	1350 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:	NM_145063.2 , NP_659500.1
RefSeq Size:	1202 bp
RefSeq ORF:	459 bp
Locus ID:	221443
UniProt ID:	Q9Y530
Cytogenetics:	6p21.1
Domains:	A1pp, WWE

Gene Summary:

The protein encoded by this gene is a deacylase that can convert O-acetyl-ADP-ribose to ADP-ribose and acetate, O-propionyl-ADP-ribose to ADP-ribose and propionate, and O-butyryl-ADP-ribose to ADP-ribose and butyrate. The ADP-ribose product is able to inhibit these reactions through a competitive feedback loop. [provided by RefSeq, Jul 2016]
Transcript Variant: This variant (4), along with variants 1, 2, 3, and 5, encodes isoform a.