

Product datasheet for **SC106052**

MACROD2 (BC018687) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MACROD2 (BC018687) Human Untagged Clone
Tag:	Tag Free
Symbol:	MACROD2
Synonyms:	C20orf133; dj631M13.5; MACRO domain containing 2; OTTHUMP00000109425; RP11-189J1.1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC018687, the custom clone sequence may differ by one or more nucleotides

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ATGAATGAGTTTTCTCCGTAGACGATAAATGAAGAAGAAGAGGATGTTGAAATGAAAGAAGATTCAG
ATGAGAACGGTCCAGAGGAGAAGCAAAGTGTGGAAGAAATGGAAGAGCAGAGCCAAGATGCAGATGGTGT
CAACACTGTCACGTGCCCCGCCCTGCTTCAGAAGAGGCAGTTGAAGACTGTAAGATGAAGATTTTGA
AAGGATGAAAATATTACAAAAGGCGGTGAAGTGACAGATCATTCTGTGCGTGACCAAGATCATCCCGATG
GACAAGAGAATGATTCAACGAAGAATGAAATAAAATTGAAACAGAATCGCAGAGCTCATATATGGAAC
AGAAGAACTTTTCATCAAACCAAGAAGATGCCGTGATTGTGGAGCAACCAGAAGTGATTCCATTAACAGAG
GACCAAGAAGAAAAAGAAGGTGAAAAAGCTCCAGGCGAGGACACACCTAGGATGCCTGGGAAAAAGTGAAG
GCTCCAGTGACCTAGAAAATACTCCAGGTCTGATGTTGAAATGAATAGTCAGGTTGACAAGGTAATGA
CCCAACAGAGAGTCAACAAGAAGATCAACTAATAGCAGGGGCACAAGATGAAGCGAAGGAACAAAGAAAT
GGAACAAATGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC018687 unedited GGATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCATCCCAGTGAA GAAAATTTGACTGAAAAATTTCTCTCTATAGAGGTGACATCACATTGCTAGAGGTAGATG CTATAGTCAATGCCGCAAATGCCAGTCTTCTTGGAGGAGGAGGTGTGGATGGCTGTATTC ATAGAGCAGCCGGCCCTGTTTGTAGCTGAATGTCGTAACCTGAATGGCTGTGATACTG GACATGCAAAAAATCACATGTGGCTATGACCTTCCTGCAAAATATGTCATCCATACTGTAG GGCCAATAGCCAGGGGCCATATTAATGGTTCCCAAGGAAGACCTTGCAAATTGCTATA AATCATCTCTGAAGCTCGTGAAAGAAAATAACATCCGATCAGTTGCATTTCCCTGCATCT CAACAGGCATTTATGGCTTTCCCAACGAGCCTGCTGCAGTCATTGCCCTCAACACCATTA AGGAATGGCTTGCCAAGAATCACCATGAGGTGGATCGGATCATTTTCTGTGTCTTCTTAG AAGTTGACTTCAAATCTACAAAAGAAAATGAATGAGTTTTTCTCCGTAGACGATAATA ATGAAGAAGAAGAGGATGTTGAAATGAAAGAAGATTGAGATGAGAACGGTCCAGAGGAGA AGCAAAGTGTGGAAGAAATGGAAGAGCAGAGCCAAGATGCAGATGGTGTCAACACTGTCA CTGTGCCCGCCCTGCTTCANAAGAGCAGTTGAAGACTGTAAAGATGAAGATTNTGCAAG GATGAAAATATTACAAAAGGCGGTGAAGTGACAGATCATTCTGTGCGTGACCAAGACATN CCGATGGACAAGAAATGATTNNACGAGATGAANTAAAAATGAACAGAATCGCAGAGCTC AATATGGAAACAGNAGAACTTCATCAACCAGAGATGCCGTGATTGTGAGCACCCAGAGT GATTCTTTACAGAGGACCAGAAGAAAAGAAGGTGAAN
Restriction Sites:	NotI-NotI
ACCN:	BC018687
Insert Size:	4700 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:	BC018687.1 , AAH18687.1
RefSeq Size:	1300 bp
RefSeq ORF:	642 bp
Locus ID:	140733
Cytogenetics:	20p12.1
Gene Summary:	The protein encoded by this gene is a deacetylase involved in removing ADP-ribose from mono-ADP-ribosylated proteins. The encoded protein has been shown to translocate from the nucleus to the cytoplasm upon DNA damage. [provided by RefSeq, May 2017]