

## Product datasheet for **SC108648**

### GDAP2 (NM\_017686) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GDAP2 (NM_017686) Human Untagged Clone
Tag:	Tag Free
Symbol:	GDAP2
Synonyms:	MACROD3; SCAR27
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC108648 sequence for NM\_017686 edited (data generated by NextGen Sequencing)

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ATGGATCCCTTAGGTGCACCTTCCCAGTTTGTGGATGTGGATACACTACCAAGCTGGGGT
GACTCATGCCAAGATGAATTAATTCCTCTGATACTACAGCTGAAATATTTTCAGGAAGAC
ACTGTTTCGATCACCTTTTCTTTAATAAAGGACGTCAATGGAAAAGTGGTCTTTGGAAA
GGAGATGTGGCATTACTGAACTGTACAGCCATTGTGAATACCAGCAATGAAAGTCTACA
GATAAAGAATCCTGTGTCCAGAAAGTATCTTCATGCTTGCAGGGCCTGATTTGAAGGAAGT
CTCCAGAAAACCTTAAAGGGTGCCGAACAGGTGAAGCAAAATTGACAAAAGGATTCAATCTA
GCTGCCCGGTTTCATTCATTACACAGTGGGACCTAAATATAAAAAGCCGCTATCGCACAGCA
GCTGAGAGTTCCTTTATAGCTGCTACAGAAACGTACTTCAACTAGCAAAAAGAGCAGTCA
ATGTCTTCTGTTGGCTTCTGTGCATCAATTCTGCAAAACGTGGTTATCCTTTAGAGGAT
GCAACACACATAGCACTTCGCACTGTAAGAAGATTCTAGAGATTGATGGGGAAACCATT
GAAAAAGTAGTATTTGCTGTCTCTGATCTTGAAGAGGGTACTTACCAAAAGCTGCTACCT
CTCTACTTCCCAAGGTCATTAAGAGGAGAATCGATCATTGCCCTACCTACCTGCAGAT
ATTGAAAATGCAGAAGGGGAGCCTGTGGTACCTGAACGACAGATTAGAATAAGTGAGAAA
CCTGGTGTCTCAGAAGATAACCAAGAAGAGGAGGATGAAGGCTTGGGAGTTGATCTCTCT
TTCATTGGCTCTCATGCTTTTGCTCGAATGGAAGGAGATATTGACAAGCAAGAAAACACTG
ATCCTTCAGGGACAATTATCAGAGGCAGCTCTGCAGAAGCAGCATCAAAGAAATTATAAT
CGCTGGTTATGTCAAGCAAGATCTGAGGATCTGTCTGATATTGCTTCTCTAAAAGCCTTA
TACCAACAGGTGTTGATAACTGTGGTTCGAACAGTGTGGTGGTGGTGGTGGTGGTGGTGGT
CCTGTAACATTAATAGATATGGACAAGGCTCTCTTATATTTTCATTCATGTAATGGATCAC
ATTGCTGTGAAGGAGTATGTATTAGTGTATTTTACACCCTGACCAGCGAATAACAATCAC
CTGGACTCCGACTTCTGAAGAACTCTACGATGTTGTTGATGTCAAGTACAAGAGGAAT
TTGAAGGCTGTTTATTTTGTACATCCACATTTGTTTCAAGGTGTCAACATGGTTTTTTT
ACCACCTTTTCTGTCTCAGGACTGAAGGACAAAATCCACCATGTGGACAGCCTCCACCAG
CTGTTTTCTGCCATATCACCAGAACAGATTGACTTTCTCCTTTTGTCTTGAATATGAT
GCCAGGGAAAACGGGCCTTACTATACATCATATCCCCATCACCAGATTTGTGA

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Clone variation with respect to NM\_017686.3

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_017686 unedited

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GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGTCCTCCAGTCTCCT
GGGACTTTGACTCGCCGTAACGCGCGCTCCTGCTGAGGGTTCGCCGGAGATGTCGCTCG
GCCGCCTTCTACCAGGAGCCTGATCCGTGCCGCCGCCGCCGGATGGGACCACCAGAGT
GCTCTAAAGTCTCCAGTGAATATTGAATTGCTGAGGATTTTGGGAAAAGCAAAATCAAAG
TTCCCATTCCATGGATCCCTTAGGTGCACCTTCCCAGTTTGTGGATGTGGATACACTACC
AAGCTGGGGTACTCATGCCAAGATGAATTAATTCCTCTGATACTACAGCTGAAATATT
TCAGGAAGACTGTTCGATCACCTTTTCTTTAATAAAGGACGTCAATGGAAAAGTGGT
TCTTTGGAAAAGGAGATGTGGCATTACTGAACTGTACAGCCATTGTGAATACCAGCAATGA
AAGTCTCACAGATAAGAAATCCTGTGTCCAGAAAGTATCTTCATGCTTGCAGGGCCTGATTT
GAAGGAAGATCTCCAGAACTTAAAGGGTGCCGAACAGGTGAAGCAAAATTGACAAAAGG
ATTCAATCTAGCTGCCCGTTTCATTCATTACACAGTGGGACCTAAATATAAAAAGCCGCTA
TCGCACAGCAGCTGAGAGTTCCCTTTATAGCTGCTACAGAAACGTACTTCAACTAGCAAA
AGAGCAGTCAATGCTTCTGGTGGCTTCTGTGTCATCANATTCTGCAAACGTGGTTATCC
TTTAGAGATGCACACACATAGCACTTCGCACTGGTGAAGATCCTAGAGATCATGGGGAA
ACCATGAAAAGTGTATTTGCTGTCTTGATCTGAAGAGGTACTTACCAAGCTGCTACTCT
TTACTTCCAAGGTCTTAAC

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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_017686 unedited ACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTCTGGTTAGCATACATTG GTTCTGTATATTCGAGAATCACTTAAGTACACAAAGGAAGCGTGCAATGTTAGAGAGAT GATGTGAACAGTCTTGGTGGTTTATCTAATGGAGAATTCGGTGTCTTCAGGAACTAAA GATACTCAAAGTTGCTCCCAATTTCTATTAACAATCTAAAAATGAACATTTCCATTTT ATATAAATATACAAATTTAAAAATGTGTGCAGTTCAGAATGGCCTACCATTTTTAGATTGC TTATGTGCCAGAAAATATACAGTCAATAAAAAAATACCAGAGAGGTGGGGACAAAAGGCT CTCTGGATCTGTACAGCAACAATGAATATCACTTCAACAGGTAGCTATTCTGGAGGAAG TGGCATCTGGGAACCAAGAAGCACTGAAAGATGGCAGGTCACAAATCTGGTGATGGGG ATATGATGTATAGTAAGGCCCGTTTTCCCTGGCATCATATTCAAGGACAAAAGGAGGAAA GTCAATCTGTTCTGGTATATGGCAGAAAACAGCTGGTGGAGGCTGCCACATGGTGGAT TTTGTCTTCAGTCTGAGACAGAAAAGGTGGTAAAAAACCATGTTGACACCTTTGAACG AAATGTGGGATGTACAAAATAACAGCCTTCAAATTCCTCTTGTACTTGACATCAACAAC ATCGGTAGAGTTTCTTCAGGAAGCTCGAGTCCAGGTGATTGTATTCGCTTGTACGGTGT GAAAATCACCTATACATACTTCTCACAGCAATGTGATCCATTCCATGAATGAAATATAG AGAGCTTTGNCCTATCTATAATGTTACAGGATGTTCTTCCATACCCCTCCCTGTTTAC CCCAGTATCACCCCTGGTTGGGATAGGCTTTTATAAAGCATATCAACAATCTATATTTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017686
<b>Insert Size:</b>	2260 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_017686.1</a></u> , <u><a href="#">NP_060156.1</a></u>
<b>RefSeq Size:</b>	2880 bp
<b>RefSeq ORF:</b>	1494 bp
<b>Locus ID:</b>	54834
<b>UniProt ID:</b>	<u><a href="#">Q9NXN4</a></u>
<b>Cytogenetics:</b>	1p12
<b>Domains:</b>	SEC14, A1pp