

## Product datasheet for **SC327649**

### DIP2A (NM\_001146115) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DIP2A (NM_001146115) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIP2A
Synonyms:	C21orf106; DIP2
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:** >NCBI ORF sequence for NM\_001146115, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGACCGCGGGTGCCCGCTGGAGGCGGCGCCGCTGCCTGCCGAGGTGCGGGAGAGC
CTGGCTGAGCTGGAGCTGGAGCTGTCCGAAGGTGACATCACTCAAAAAGGATATGAAAAG
AAAAGGGCAAAGCTGCTTGACGCTTATATACCGCTTATTCAAGGAATAGACCCATCTCTG
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AAGTCTCGGGCCACCGCCTCGAGGGATGAGCGCTTCCGGTCAGATGCCACACTGAAGCC
GTGCAAGCAGCTTTGGCCAAATACAAAGAGAGGAAGATGCCTATGCCTTCGAAGAGACGT
TCTGTCTTGTGCATTCTGTGTGAAACCTACACCCCTCCAGACACGTCGTCTGCCTCA
GAAGATGAGGGCTCTTTACGGCGACCCGGGCGACTCACCTCCACTCCGCTCCAGAGCCAT
TCCAGCGTCGAGCCCTGGCTCGACCGGGTCATTAGGGCTCGTCCACCTCATCCTCTGCA
TCCTCCACCTCATCTACCCGGGAGGGAGACCCACACTGCTCCCAGTGTGCAGCCACG
CCGGGGCCCGCCGCTACCACTGCACTCGCAGGCCCTCGAGGCCACACCCACATAGGTGTC
CCTGTGAACAGCAGAGTGTCTCCAAAATCCAGCAGCTTCTGAACACCCCTGAAGAGGCCA
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CAACCAGATCCAAATCAGCCAAAGCCTGAGGGAAGCGAGACGAGTGTGCTGAGAGGGGAG
CCTCTCACTGCAGGTGTCCCCCGACCGCGTGTGGCCACCTTGACGCGCTGGGGC
ACAACACAGCCCAATCCCCCTGTCTGACTGCCTTGGATACAACCTGGGAAAGCCGTCTAC
ACTCTACCTATGGTAAACTTTGGAGTCGGAGTTTAAACTAGCTTATACTCTACTTAAT
AAACTGACAAGTAAGAATGAACCTCTACTTAAACCTGGAGACAGAGTGGCGCTCGTGTTT
CCGAATAGTGACCCTGTGATGTTTATGTTTATGTTTATGGGTGTCTCCTGGCAGAGCTG
GTTCTGTCCCATAGAAGTGCCATTAACAAGAAAGGATGCAGGCAGCCAGCAGGTTGGG
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CTGATGAAGGCGAACCCACTCTCCTGGATCCAGAAAGTGTGCTTCTATAAAGCTCGGGCC
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TGTCTTGTGCAAGTTCTCCTGAGGCGCTGACTGTCCGCATCCGCAGGCCACCTGATCTG
GGAGGACCACCTCCAAGAAAAGCAGTCTGTGCGATGAACGGTCTAAGTTATGGTGTATC
AGAGTGGATACTGAAGAAAAGTTGTGAGTCTTACTGTTGAGGACGTTGGTCAGGTGATG
CCTGGAGCTAATGTATGTGTTGTGAAGTTAGAAGGTACCCCTTATCTTTGAAAAGTGTG
GAAGTGGGAGAAAATGCGTCAGTTCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
GACAGGCCATTCACAGGACAGGCCTGCTGGGCTTTCATCGGCCTGACAACCTGGTCTTC
ATCGTGGGCAAACTGGACGGGCTGATGGTCACTGGAGTTCGCAGACACAATGCAGATGAC
GTTGTGGCCACCGCACTGGCCGTGGAGCCCATGAAGTTTGTCTACAGAGGCAGG

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001146115

**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).

<b>OTI Annotation:</b>	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.
<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_001146115.1</a></u> , <u><a href="#">NP_001139587.1</a></u>
<b>RefSeq Size:</b>	2758 bp
<b>RefSeq ORF:</b>	2397 bp
<b>Locus ID:</b>	23181
<b>UniProt ID:</b>	<u><a href="#">Q14689</a></u>
<b>Cytogenetics:</b>	21q22.3
<b>Gene Summary:</b>	<p>The protein encoded by this gene may be involved in axon patterning in the central nervous system. This gene is not highly expressed. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (6) lacks an alternate in-frame exon and differs in the 3' UTR and coding region compared to variant 1, that causes a frameshift. The resulting isoform (f) is shorter and has a distinct C-terminus compared to isoform a.</p>