

## Product datasheet for **SC309145**

### DIP2A (NM\_015151) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | DIP2A (NM_015151) Human Untagged Clone  |
| Tag:                      | Tag Free  |
| Symbol:                   | DIP2A   |
| Synonyms:                 | C21orf106; DIP2   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >SC309145 representing NM_015151.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
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ACTGGGACTGCCTACATTGAGTATAAAACCAGCAAAGAAGGCAGTACGGTGGGGTCCACAGTGTCCAC  
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TACAAGGATGACGACGATAAGGTTAAACGGCCCGC

Restriction Sites:

SgfI-MluI

Plasmid Map:

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|                               |  |
|-------------------------------|--|
| <b>ACCN:</b>                  | NM_015151  |
| <b>Insert Size:</b>           | 4716 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>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_015151.3</a></u>   |
| <b>RefSeq Size:</b>           | 7290 bp  |
| <b>RefSeq ORF:</b>            | 4716 bp  |
| <b>Locus ID:</b>              | 23181  |
| <b>UniProt ID:</b>            | <u><a href="#">Q14689</a></u>  |
| <b>Cytogenetics:</b>          | 21q22.3  |
| <b>Domains:</b>               | AMP-binding  |
| <b>MW:</b>                    | 170.4 kDa  |
| <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 (1), as well as variant 9, encodes isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |