

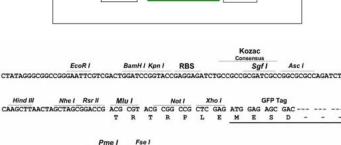
# Product datasheet for MG209003

## Dpysl2 (NM\_009955) Mouse Tagged ORF Clone

### **Product data:**

Tag:

#### **Product Type: Expression Plasmids Product Name:** Dpysl2 (NM\_009955) Mouse Tagged ORF Clone TurboGFP Symbol: Dpysl2 Al851130; Crmp2; DRP2; Musunc33; TOAD-64; Ulip2 Synonyms: **Mammalian Cell** Neomycin Selection: Vector: pCMV6-AC-GFP (PS100010) E. coli Selection: Ampicillin (100 ug/mL) **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling:



ORF

Mlul

ACG CGT

Pme I -- GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT E E R v

Sgfl GCGATCGC

ACCN: NM 009955 **ORF Size:** 1716 bp



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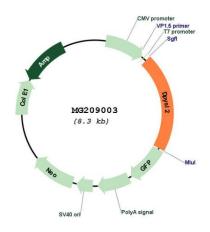
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	2 (NM_009955) Mouse Tagged ORF Clone – MG209003
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
RefSeq:	<u>NM 009955.2</u>
RefSeq Size:	4450 bp
RefSeq ORF:	1719 bp
Locus ID:	12934
UniProt ID:	<u>008553</u>
Cytogenetics:	14 34.6 cM
Gene Summary:	Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis. [UniProtKB/Swiss-Prot Function]

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## **Product images:**



Circular map for MG209003

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