

Product datasheet for RR208538L3

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OriGene Technologies, Inc.

Dmrt3 (NM_001106358) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Dmrt3 (NM_001106358) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Mammalian Cell Puromycin

Selection:

Vector:

Symbol:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

Dmrt3

ORF Nucleotide The ORF insert of this co

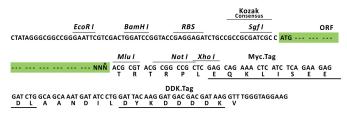
Sequence:

The ORF insert of this clone is exactly the same as(RR208538).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001106358

ORF Size: 1428 bp

Dmrt3 (NM_001106358) Rat Tagged Lenti ORF Clone - RR208538L3

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. More info

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: 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: <u>NM 001106358.1, NP 001099828.1</u>

 RefSeq Size:
 2394 bp

 RefSeq ORF:
 1431 bp

 Locus ID:
 293976

 UniProt ID:
 D4A218

Cytogenetics: 1q51

Gene Summary: Probable transcription factor that plays a role in configuring the spinal circuits controlling

stride in vertebrates. Involved in neuronal specification within a specific subdivision of spinal cord neurons and in the development of a coordinated locomotor network controlling limb

movements. May regulate transcription during sexual development (By similarity).

[UniProtKB/Swiss-Prot Function]