

Product datasheet for **RR210792**

Nlgn2 (NM_053992) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlgn2 (NM_053992) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nlgn2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR210792 representing NM_053992
 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RR210792 representing NM_053992
 Red=Cloning site Green=Tags(s)

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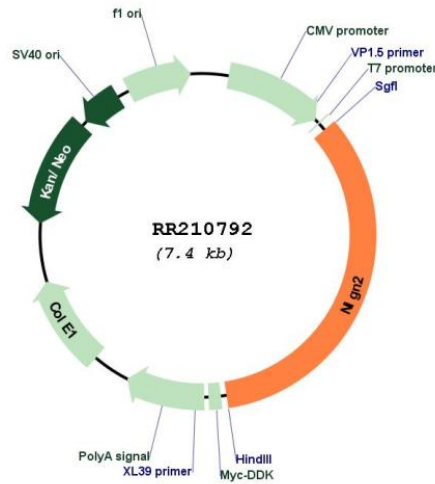
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NNNNEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-HindIII

Cloning Scheme:

Plasmid Map:



ACCN: NM_053992

ORF Size: 2508 bp

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: [NM_053992.1](#), [NP_446444.1](#)

RefSeq Size: 3993 bp

RefSeq ORF: 2511 bp

Locus ID: 117096

UniProt ID: [Q62888](#)

Cytogenetics: 10q24

MW: 91 kDa

Gene Summary: cell surface protein that binds to a subset of neuroligins [RGD, Feb 2006]