

Product datasheet for MR231841

Neurl4 (NM_001291118) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Neurl4 (NM_001291118) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Neurl4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR231841 representing NM_001291118
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCCGCGATCGCC

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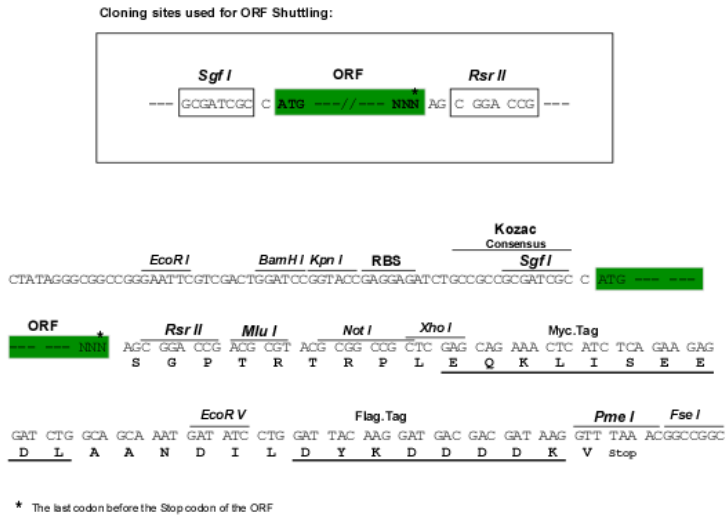
Protein Sequence: >MR231841 representing NM_001291118
 Red=Cloning site Green=Tags(s)

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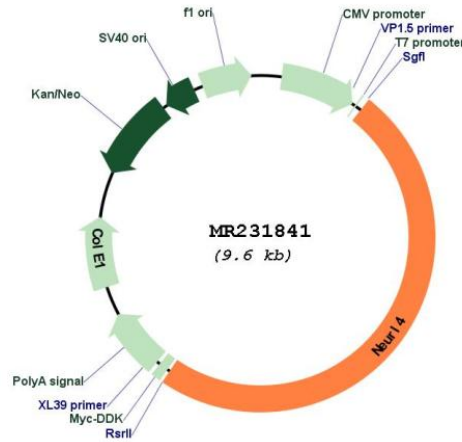
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001291118

ORF Size: 4683 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_001291118.1](#), [NP_001278047.1](#)

RefSeq Size: 5261 bp

RefSeq ORF: 4686 bp

Locus ID: 216860

UniProt ID: [Q5NCX5](#)

Cytogenetics: 11 B3

MW: 167.9 kDa

Gene Summary: Promotes CCP110 ubiquitination and proteasome-dependent degradation. By counteracting accumulation of CP110, maintains normal centriolar homeostasis and preventing formation of ectopic microtubular organizing centers (By similarity).[UniProtKB/Swiss-Prot Function]