

Product datasheet for **MR216936**

Neur14 (NM_001013414) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Neur14
Synonyms:	0610025P10Rik; BC023037; RP23-172M21.17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR216936 representing NM_001013414
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>MR216936 representing NM_001013414

Red=Cloning site Green=Tags(s)

MAAGSGSGSGGAGPGPGPGGGGGPGSSGPGLGSGGGLGGGGLHPRTGRLVSLSACGRTARRQQPGQ
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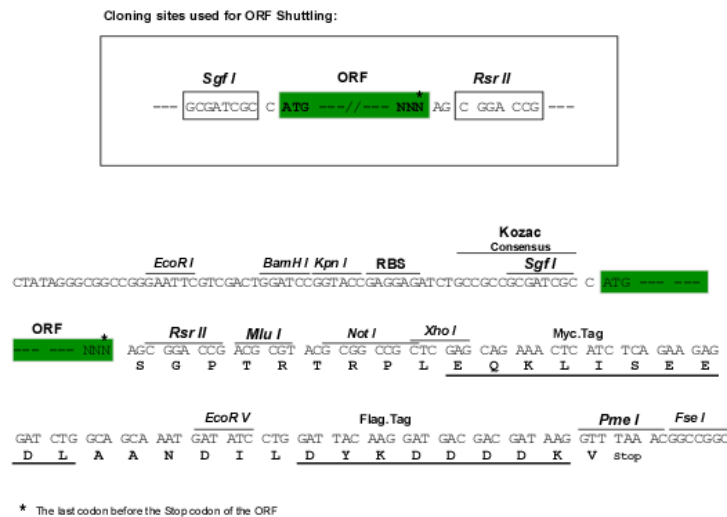
Chromatograms:

https://cdn.origene.com/chromatograms/mm9049_f09.zip

Restriction Sites:

SgfI-RsrII

Cloning Scheme:

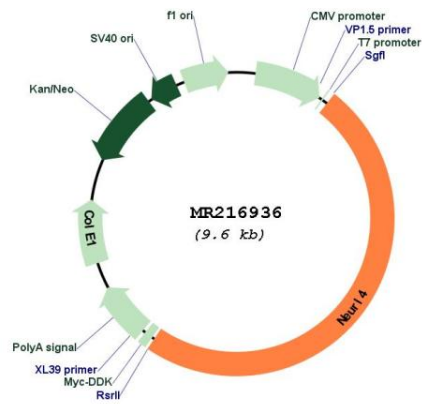


ACCN:

NM_001013414

ORF Size:	4689 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001013414.3 , NP_001013432.1
RefSeq Size:	5203 bp
RefSeq ORF:	4692 bp
Locus ID:	216860
UniProt ID:	Q5NCX5
Cytogenetics:	11 B3
MW:	168.1 kDa
Gene Summary:	Promotes CCP110 ubiquitination and proteasome-dependent degradation. By counteracting accumulation of CPI10, maintains normal centriolar homeostasis and preventing formation of ectopic microtubular organizing centers (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216936