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Product datasheet for MG203260

Neurl3 (NM_153408) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neurl3 (NM_153408) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Neurl3
Synonyms:	2010300P06Rik; Lincr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG203260 representing NM_153408
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTTCTCTCCTCAGCCCTGAGGCCAATGCCGAGGTGCCCCGCGAGGCCCTTAGTTTCCACGGGAACG
CCACGGGCGCACAGGTGCATCTGGACGATCAGCGGAGCACAGCGCGCAGGCGCTCGACGTTCCACGATGG
TATCGTGTTCAGCCAGAGGCCGGTCTGGCCGGGTGAGCGTGTTGCTCTGCGCGTCCTGCGACATGAAGAA
GGCTGGTGCGGTGGCCTCCGCGTGGGCTTCACGCGCCTGGACCCTGCGCAAGTGGCCGCGTCCTGCCTGC
CACCCTTCGTGTGCCCGGACCTGGAGGAGCAGAGTCCCACGTGGGCAGCGTTGCTTCCAGAGGGCTTCGT
TCGTGCGGGGAATGTGGTCTGCTTCTGGGTGAACCGTAGAGGGTGGCTCTTCGCCAAGGTCAACGCTGGC
CGCCCCCTCTTGCTGCGCAAAGACGTGCTGGTCCAGGGCGCCCCGCTCTGGGCGGTGATGGATGTGTACG
GGACCACGAAAGCCATTGAGCTTCTGGATCCCAAAGCCAACGCCTGGATTCGTAGTGGTGAGCCTGTGCC
AGAGTCTGAAGTCATATCAGGAGAGGAGTGTGTCATCTGCTTCCACAACACTGCCAACACCCGCCTCATG
CCCTGTGGCCACTCACACTTCTGTGGCTCCTGTGCCTGGCACATCTTCAAAGACACGGCCAGGTGCCCCA
TATGTCGCTGGCAGATCGAGGAGGTGGCTGTAGTGTCTTCACTGAAGGCTGAGGAAGGCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

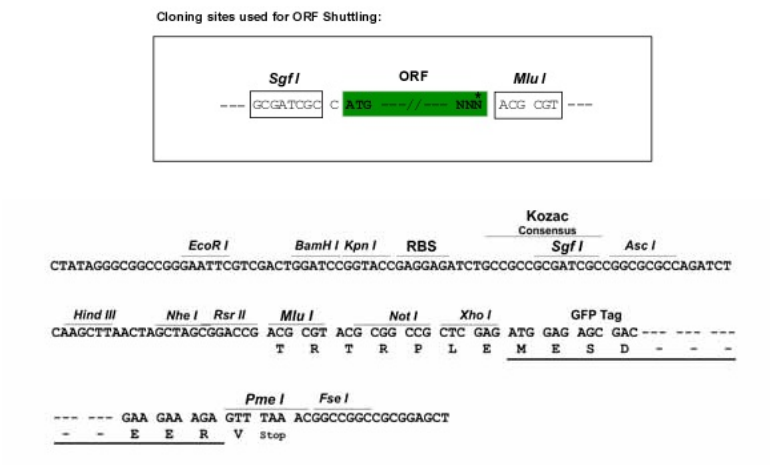
>MG203260 representing NM_153408
Red=Cloning site Green=Tags(s)

MGSLLSPEANAEVPREALSFHGNATGAQVHLDDQRSTARRRSTFHDGIVFSQRPVWPGERVALRVLRHEE
GWCGGLRVGFTRLDPAQVAASCLPPFVCPDLEEQSPTWAALLPEGFVRAGNVVCFWVNRRGWLFAKVNAG
RPLLLRKDVLVQGAPLWAVMDVYGTTKAIELLDPKANAWIRSGEPVPESEVISGEECVICFHNTANTRLM
PCGHSHFCGSCAWHIFKDTARCPICRWQIEEVAVVSSLKAEEGS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153408

ORF Size: 762 bp

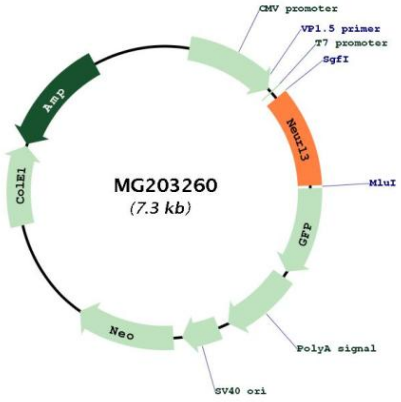
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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_153408.2, NP_700457.1
RefSeq Size:	2583 bp
RefSeq ORF:	765 bp
Locus ID:	214854
UniProt ID:	Q8CJC5
Cytogenetics:	1 B
Gene Summary:	E3 ubiquitin-protein ligase. Seems to utilize UBE2E1. In vitro, generates polyubiquitin chains via non-canonical lysine residues suggesting that it is not involved in tagging substrates for proteasomal degradation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG203260