

Product datasheet for **MG200649**

Naa38 (NM_030083) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa38 (NM_030083) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Naa38
Synonyms: 1500034E06Rik; Lsmd1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200649 representing NM_030083
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGAGCTGGGCCACCATGCTACTACGAGAGGAGAATGGCTGTTGCAGTCGGCGTCAGAGCAGCT
CCAGCGCCGGGGACTCTGATGGGGAACAGGAGGACTCGCCGCCACGCGTGCACGGCAGCAACTAGAGGC
ATTGCTCAACAAGACCATGCGTATCCGTATGACAGATGGAAGGACACTAGTCGGCTGCTTCTGTGCACT
GATCGGACTGTAATGTCATCCTGGCTCTGCGCAAGAGTTCTCAAGCCTTCTGATTCATTTTCTGCGG
GCGAACCCGTGTGCTGGTCTGGCCATGGTACCAGGACACCACATCGTTTCTATTGAAGTCCAAAGGGA
GAGTCTGTCGGGGGCCCGTATCTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200649 representing NM_030083
Red=Cloning site Green=Tags(s)

MAGAGPTMLLREENGCCSRRQSSSSAGDSGGEQEDSPATRARQQLEALLNKTMRIRMTDGRITLVGCFLLCT
DRDCNVILGSAQEFLKPSDFSAGEPRVLGLAMVPGHHIYSIEVQRESLSGGPYL

SGPTRRRLE - GFP Tag - V

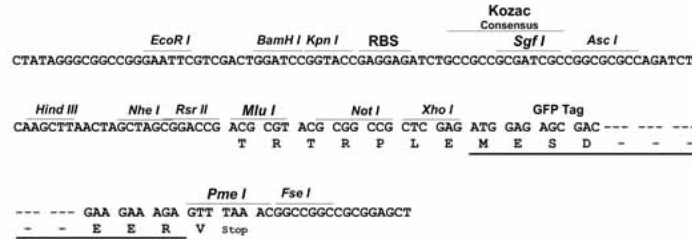
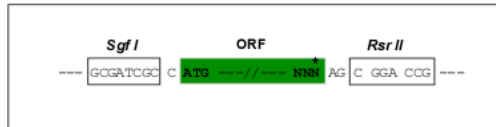
Restriction Sites: Sgfl-RsrII



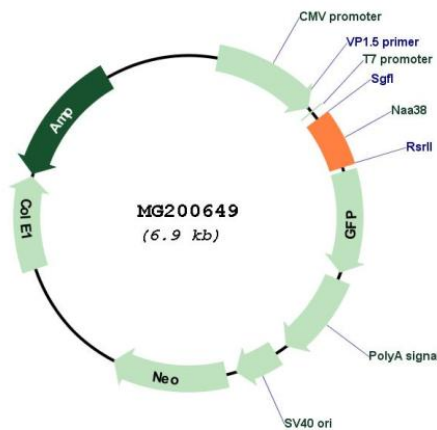
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Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_030083

ORF Size: 375 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:	<ol style="list-style-type: none">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_030083.2 , NP_084359.1
RefSeq Size:	518 bp
RefSeq ORF:	378 bp
Locus ID:	78304
UniProt ID:	Q9D2U5
Cytogenetics:	11
Gene Summary:	Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues.[UniProtKB/Swiss-Prot Function]