

Product datasheet for MC211049

Ly6g6e (NM_027366) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ly6g6e (NM_027366) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ly6g6e
Synonyms: 2310011I02Rik; G6e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211049 representing NM_027366
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCCCGTCCAGCGCCTTCCTTGGCGTCTGTCTCTCGGGGACACTGGGTCTCACCCTTCCCCAG
 CCAGAGGACGGCTCCGCTGTTACACCTGCAGCTTTGCCAAGCCCTGCGACCCTGTTCCAGGGAGTGTCG
 AGAGGACGAGGTGTGGTGTGTCAGTGTGGCACCTCAGAGCAAAAGGAGGAGGAAGTCATTGAGCGGAAA
 GGCTGCCTCCCCAGAGCCAGTGCCTCTGCTGGGCCATGCGACCTACTGGTCACGGTCTACTCTCTCC
 GGCACCACTGCTGTGAGCAGGACCTATGCAATGCTGCCGCTCACAGCCACCCCCAACCTTCCCCTCAT
 GACTCTGTACCCCTTGACGCCATGATCGGCTGGGGAGTACATGACTTCTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_027366
Insert Size: 405 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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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_027366.1](#), [NP_081642.1](#)

RefSeq Size: 1137 bp

RefSeq ORF: 405 bp

Locus ID: 70274

UniProt ID: [Q8K1T6](#)

Cytogenetics: 17 B1

Gene Summary: Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro potentiates alpha-3:beta-4-containing nAChRs maximum response by increasing peak current and slowing down receptor desensitization; the activity is dependent on its cell surface localization.[UniProtKB/Swiss-Prot Function]