

Product datasheet for MR227523

Cacna1g (NM_00112813) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cacna1g (NM_00112813) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cacna1g
Synonyms: a1G; alpha-1G; Cav3.1d; mKIAA1123; [a]1G
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR227523 representing NM_00112813
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

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ACCTGTCTGGGGCCGGGGCCGGCAGGGGCCGGGTCGACGGAAAAGACCCGGGACGCGCGGACTCCGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR227523 representing NM_001112813
 Red=Cloning site Green=Tags(s)

MDEEEDGAGAAESGQPRSFTQLNDLSGAGGRQGPSTGKDPGSADSEAEGLPYPALAPVVFVYLSQDSRP
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 IFGKKCYLGDTWNRLDFFIAGMLEYSLDLQNVSFSAVRTVRVLRPLRAINRVPSMRILVTLTLLDTPM
 LGNVLLLCFFVFFIFGI VGVQLWAGLLRNRCFLPENFSLPLSVDLEPYQTENEDESPFICSPRENGMR
 SCRSVPTLRGEGGGPPCGLDYEAYNSSNTTCVNNWQYYTNC SAGEHNPFKGAINFNIGYAWIAIFQV
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 CHLEPVRCAQAPPRSPSEASGRVVGSGKVVYPTVHTSPPPEMLKDKALVEVAPSPGPPTLTSFNIPPGPFS
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 RADDPPLDGGDGDDEGNLSKGERLRAWVRARLPACCRERDSWSAYIFPPQSRFRLLCHRITHTKMFHDVV
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 LVLISVIDILVSMVSDSGTKILGMLRVLRLRLRPLRVLISRAQGLKLVVETLMSSLKPIGNIVVICCAF
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 SSPLDSTAASPSPKKDALSLSGLSSDPTDLDP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_001112813.2](#), [NP_001106284.1](#)

RefSeq Size: 8169 bp

RefSeq ORF: 6819 bp

Locus ID: 12291

Cytogenetics: 11 D

MW: 252 kDa