

Product datasheet for RN207325

Cacna1h (NM_153814) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cacna1h (NM_153814) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cacna1h
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207325 representing NM_153814 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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ATGACCGAGGGCAGCTGGCAGCGGACGAAGTCCGGGTGCCCTGGGCGCTTCGCCCGCGCCCTGCAG
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TGGATTACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_153814
- Insert Size:** 7080 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).
- 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_153814.2](#), [NP_722521.1](#)

RefSeq Size:	7871 bp
RefSeq ORF:	7080 bp
Locus ID:	114862
UniProt ID:	<u>Q9EQ60</u>
Cytogenetics:	10q12
Gene Summary:	acts as a low voltage gated calcium channel; conducts calcium current; involved in neuronal physiology [RGD, Feb 2006]