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Product datasheet for MC205963

Hcn3 (NM_008227) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hcn3 (NM_008227) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hcn3
Synonyms:	BCNG-4; Bcng4; Hac3; Hcn4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC039156
GGCCCTGGACCGGTTGGGGAGGCCCTACGAGTGAGGGCAATCATGGAGGAGGAGGCGCGGCCGGCGGCGG
GGGCCGGCGAAGCGGCGACCCCTGCACGCGAGACGCCTCCTGCGGCTCCGGCCCAGGCCCGCGCGGCCTC
AGGTGGGGTGCCGGAGTCTGCGCCCGAGCCGAAGAGGCGGCAGCTCGGGACGCTGCTGCAGCCGACGGTC
AACAAGTTCTCTCTCCGGGTCTTCGGCAGCCACAAAGCAGTAGAAATCGAGCAGGAGAGGGTGAAGTCCG
CCGGGGCCTGGATCATCCACCCCTACAGCGACTTCCGGTTTTACTGGGATCTCATCATGCTGCTGCTGAT
GGTGGGGAACCTCATAGTTCTGCCTGTGGGTATCACTTTCTTCAAGGAGGAGAACTCTCCACCCTGGATC
GTCTTCAATGTCCTCTCTGACACTTTCTTCCTGCTGGATCTGGTGCTCAACTTCCGAACTGGCATCGTGG
TGGAGGAAGGTGCCGAGATCCTGCTGGCGCCAAGGGCCATCCGAACGCGTTACCTGCGCACCTGGTTCCT
GGTTGATCTGATCTCCTCCATCCCTGTGGATTATATCTTCCTAGTGGTGGAGCTGGAGCCACGACTAGAT
GCTGAGGTCTACAAAACGGCACGGGCCCTGCGCATCGTTAGATTCACCAAGATCCTTAGCCTGCTGCGGC
TGCTCCGCCTCTCCCGCCTCATCCGCTACATACACCAGTGGGAGGAGATCTTTCACATGACCTACGACCT
GGCCAGTGCAGTGGTTCGCATCTTCAACCTCATTGGAATGATGTTGCTGCTGTGTCACTGGGACGGCTGT
CTGCAGTTTCTGGTCCCTATGCTGCAGGACTTCCCGTCCGACTGCTGGGTCTCCATGAACCGCATGGTGA
ACCACTCGTGGGGCCGCCAGTATTCCCACGCCCTGTTCAAGGCCATGAGTCACATGCTATGCATTGGCTA
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AGGAGAAGTACAAGCAGGTGGAGCAGTACATGTCCTTCCACAAGCTGCCCGCTGACACCCGGCAGCGCAT
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GAGCCACTTCGGGAGGAGATTATTAACTTCACCTGCCGGGGCCTGGTGGCCCACATGCCGCTGTTTGCTC
ATGCTGACCCCAGCTTCGTCACCGCAGTGCTCACCAAGCTCCGTTTTGAGGTCTTCCAACCAGGGGACCT
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GGCAAAAAGAATTCGATACTGCAGCGGAAACGCTCTGAGCCGAGTCCAGGCAGCAGCGGTGGCGTCATGG
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TCGACTCAGTGGAAAGCCAGTGCTGTGGGAACCACTGGTGCACGCCCCTCTGCAGGCAGCTGCTGTGACC
TCCAACGTGGCCATAGCCTTGACTCACCAGCGAGGCCCTCTGCCCCTCTCCCCTGATTCTCCAGCCACCC
TCCTAGCTCGATCTGCTAGACGCTCAGCAGGCTCCCCAGCCTCCCCACTGGTGCCTGTCCGAGCAGGTCC
TCTGCTGGCCCGGGGACCCTGGGCGTCCACTTCTCGCCTGCCTGCTCCACCTGCCCGAACCCTCCATGCC
AGCCTATCCCGGACAGGGCGTTCCCAGGTATCTCTGTTGGGCCCTCCCCCAGGAGGAGGTGCTCGGAGGC
TAGGACCTCGGGGCCGCCCACTTTCTGCCTCGCAACCCTCTCTGCCTCAGCGAGCAACAGGGGATGGCTC
TCCTAGGCGTAAAGGCTCTGGAAGTGAGCGCCTGCCCCCCTCTGGGCTCTTGGCCAAACCTCCAGGGACA
GTCCAGCCACCCAGGTCATCAGTGCCTGAGCCAGTTACCCCCAGAGGTCCCCAAATTTCTGCCAACATGT
GAAATCCTAGGTTACACTGGCCTTAGCTATTGGCACGCAATAACGTGTGCCCGAGGGTAGACGCCCCTTG
GGGGAAGGCTGTGGGGGACCTAACATACTGCCCTTTATCACCACAAAGCTATTCTCTGTGTCCTCAGCTC
AAAGCAGCTGCAGCCTGCTAATCCTAATCACATACCCATTTGTCATTGGTACCCCATGCCTACCATGTTC
AAGGCACTGTGCTAGGTACTGTGTATCCACTGCCAAGTAGAAATAACTCGAAGCCCTTTAACAAGGGTGT
CCCCAGGCCACGGTCCTGCCAGGCGCAGGCCTGGGCCCACAGCCCTGCCTTTATTAAGCACAAGTACTTG
CTGCCTCCATCACTGCCGAGTAACTAGACGGCTGTCTCCCTGTCAGTGACCCTGCAGGTGGTGCCAGTGC
GTCCTCTCTTCCCATCTCCTTTGTCGTAGCTGGGTACCGTCAATTATCTAGTACAGCCAACAGATGTCTA
GAGCCCTGGGTGTGAACATCGACCCTCTGACTGGCACCTGTGGGCCCTCCTTGTCCACACCAAGTGAGAA
TCCACGTCTGCCCACTGTAGTCTGCCCTCCGCAGCTCCTGTGTGGACGCACTACCTTTATGAGCTAGAAG
CTGCTCTTCACTGTGCCCCCTGCCTCAGTGGTGTTGCCCCTAAAGCTAAGGGGCACGCGGCACCTCCTTA
CCTACTGTGCCAGCCTAGTTCCCCCCAGGTAGGGGGCCAGGGGCTGAATCCTCATGTGACCTTTTATCTT
TCCCTCTTTGTCTTATTTATTTGGTCGTTTATTAATTTTATTTATTCATTTGCTAATTTGAAAAAAAAAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008227

Insert Size: 2340 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:	BC039156, AAH39156
RefSeq Size:	3226 bp
RefSeq ORF:	2340 bp
Locus ID:	15168
UniProt ID:	O88705
Cytogenetics:	3 F1
Gene Summary:	Hyperpolarization-activated potassium channel. May also facilitate the permeation of sodium ions.[UniProtKB/Swiss-Prot Function]