

## Product datasheet for **MC222802**

### **Kcnh6 (NM\_001037712) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kcnh6 (NM_001037712) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcnh6
Synonyms:	m-erg2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

>MC222802 representing NM\_001037712

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCAGTCCGCAGGGGCCAGTTGCTCCCAAAACACTTACTTGGACACCATCATCCGCAAGTTTGAGG  
GCCAGAGTCGTAAGTTCCTGATTGCCAATGCACAGATGGAGAAGTGTGCCATCATCTACTGCAATGATGG  
CTTCTGCGAACTCTTCGGCTACTCCCGTGTGGAGGTGATGCAGCGACCCTGTACCTGTGACTTCCTCACT  
GGCCCGAACACTCCGAGCAGTGTGTGCCCGCTGGCGCAGGCCCTGCTGGGGCTGAAGAGTGAAGG  
TGGACATCTCTACTATCGCAAGGATGCCTCCAGCTTCCGCTGCCTGGTGGATGTGGTCCCTGTGAAGAA  
CGAGGATGGGGCTGTATCATGTTTCATCTCAATTTTCGAGGACCTGGCCAGCTCCTGGCCAAGAGCAGC  
AGCCGACGCTGACCAACGTTTGTGTACACAGCTTCTGGGCTCTGAGGGCTCTCACAGCAGGCCAA  
GCGGACAGGGCCTGGTCCAGGCAGGGCAAGTATGGAAGTGCAGCCAGATCCCGCAGTTCACGCTCAG  
CTTTGTGGAGTTCACCTGGAGAAGCACCGCTCAGGCTCCACCACAGAGATTGAGATCATCGCTCCCCAC  
AAGGTGGTGGAGCGGACACAGAATGTCCTGAAAAGGTACAGCAGGTCCGTCCCTGGGTGCAGATGTGC  
TGCCAGAGTACAAGTGCAGGCACCGCGCATTACCGAGGTACCATTCTGCACTACAGCCCTTCAAGGC  
TGATATGGGACTGGCTCATCTTGCTTTAGTCATCTATACAGCGGTCTTACGCCCCTACTCTGCTGCCTTT  
CTGCTTAGCGACAGGACGACTCACAGCGTGGTACCTGCGGCTATACCTGCAGCCCGCTCACCGTGGTGG  
ACCTCATCGTGGATATCATGTTTGTGGTGGATATTGTCATCAACTCCGAACCACTACGTCAACACTAA  
TGACGAGGTGGTCCAGCCACCCCGACGAATCGCCGCTCCACTATTTCAAGGGCTGGTTCCTCATTGACATG  
GTGGTCCCATCCCTTTGACTTGCTTATCTTCCGCACTGGCTCAGATGAGACCACCACCTGATCGGGT  
TACTGAAGACGGCGCCCTCTACGGCTGGTGGCGCTGGCCGGAAGCTGGACCCTATTCTGAATACGG  
GGCCGCGTACTCTTCTGCTCATGTGTACTTTTGGCGCTCATTGCGCACTGGCTGGCCTGTATCTGGTAC  
GCCATCGCAATGTGGAGCGACCCTACTTGGAGCCCAAGATTGGTTGGCTGGACAGCCTGGGCGCGCAGC  
TTGGCAAGCACTATAACGGCAGCGACCCAGCCTCGGGACCCTCTGTCCAAGACAAGTATGTACCCGCCCT  
CTACTTCACCTTCAGCAGCCTCACTAGTGTGGGCTTCGGCAATGTGTACCCCAACACCAACTCTGAGAAG  
GTCTTCTCTATCTGCGTCATGCTCATTGGCTCACTTATGTACGCCAGCATCTTTGGCAACGTGTGGCCA  
TCATCCAGCGCTGTACTCAGGCAGGCTCGCTACCACACTCAGATGCTGCGGGTCAAGGAGTTCATCCG  
CTTCCACCAGATCCCAACCCACTGAGGCAGCGCCTGGAAGAGTATTTCCAGCACGCTGGTCTACACC  
AATGGCATCGACATGAACGCGGTGCTGAAAGGCTTCCCTGAGTGCCTGCAGGCGGACATCTGCCTGCACC  
TGACCCGCGCTCTGTTGACGACTGCCCGCCTTCCGCGCGGCCAGCAAGGGGTGCTGCGCGCGCTCGC  
CGTCAAGTTCAAGACCACGCACGCGCCGCTGGGGACACGCTGGTGCACCTGGGGACGCTGCTTTCCACT  
CTCTACTTCATCTCCCGCGGCTCCATCGAGATCCTGCGCGATGACGTGGTGGTGGCCATTCTAGGGAAGA  
ATGACATCTTTGGGGAGCCTGCCAGTCTCCATGCCAGACCAGGCAAAATCAAGCGCCGATGTGCGTGCCTT  
GACCTACTGCGACCTGCACAAGATCCATCGAGCAGACCTGCTGGAGGTGCTGGACATGTACCCCGCCTT  
GCAGATACCTTCTGGAATAAGCTAGAGGTACCTTCAACCTGCGGGACGCAGATGGGGTCTCCACTCAA  
CACCCCGACAGGCCCCAGGCAACCAAGACCCCAAGGCTTCTTCTCAATGACAGCCAATCAGGTGCTGC  
CCCTTCCCTGAGCATTTCAGACACATCTGGGCTTTGGCCTGAATTGCTACAGCAAATGCCCAAGTCCC  
CCAAACCCACGAGAGAAGCTGGATTGCTGGCCTCGGGAGCTAGGCTTTAAGTTAGAACAGCTCCAAGCCC  
AGATGAACAGACTGGAGTCCCGCGTGTCTGTCAGACCTCAGCCGCATCCTACAGCTACTTCAGCATCCACA  
GGGCCACCCCGGTACATCTTGGGGGCCCTGCCTCCAGTGACCTGGCCTTGTTCCTGAAACTTCAGTG  
ACTCAGAGTTCAGAGTCGATGCTTCTGGTGGGACATCTGCCCTCTGCACAGACCCTAAGCTATGGTGATT  
TGGACAAACATATCCGGATGCCAGGAATTTCTCCCCAGGATACCTCACGTGGCCGCGGCAATGGACAA  
ATCTCTGGTGGCGTCTCAGAACAAGAGCAGCCCAAGGGGCTCCTGTACCTCTGGCCTCACCTCTGTGT  
CCCCTGGAAGTACAGGGACTGGGTGGTCCCACCTTTTCTCCCTCCCTGAACACCTCAGCTCCGTTCCCA  
AGCAGCTGGAATTCAGAGACACGGTTCAGATCCTGGATTACAAGGAGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

<b>ACCN:</b>	NM_001037712
<b>Insert Size:</b>	2853 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001037712.1</a></u> , <u><a href="#">NP_001032801.1</a></u>
<b>RefSeq Size:</b>	2853 bp
<b>RefSeq ORF:</b>	2853 bp
<b>Locus ID:</b>	192775
<b>Cytogenetics:</b>	11 E1