

Product datasheet for **MC215705**

Knq2 (NM_001102409) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Knq2
Synonyms:	MGC117836; MGC123404
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC215705 representing NM_001102409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGCTCATTACTACACTGCTCCTCTGCTCCGACTCCTGCTGACTTTAACACAGGGAGAAGAAGCGC
 AGGAAATTGACTGCAATGATGAGGCTGTATTTAGGCTGTGGATGCCTCTCTGAAGAAGCTTAATGCTAG
 GTTACAAGCGGCAACCAAGTTTGTGTTGTACCGAGTGACCAAGCGCGCTAAATGGATGGCTCTGCAACC
 TTTTATTCTTCAATTATCAAAATCAAGGAGGGCAACTGCTCTGCTCAGAGAGGCTGGCGTGGCAGGACT
 GTGACTTCAAGGACTCTGAGGAAGCCGCACTGGAGAATGCACAGCAACTATGGGAAGAAAGAAAATAA
 GTTTTTCATAGTCACCCAGACCTGCAAGATTACTCCAGGTAAGGGCCCCATAGTGACAGAGGAGTACCAC
 TGTGCGAGTTGTGTGCATCCCATATCGGCAGATAATCCAGACCTGGAGCCTGTTTTGAAACACGCCATCG
 AATATTTCAACAACAACACAGGTACAGCCACCTCTTGTCTCAGAGAAGTAAAAAGTGCCCAAGGACA
 GGTGGTGGTGGCCTGAATTTTGACATTATCTACACAATTGTCAAACAATTGTTCAAAGGAGCGTTTT
 CCTTCCTCCGTGGAGACTGTGTGGCACTTCCCAATGGTGATGGTGGTGAGTGTAGAGGTAATGCTTTCC
 TGGATACTGATAACAAAATTGAGGACTTCACGCAGAGCTGTGACCTTCATCCAGGAGATGATTTGGTAGA
 AGCGCTTCCCAAGCCTTGCCCTGGCTGCCCCAGGGACATACCTGTAGACAGCCAGAGCTGAAGGAGGTG
 CTTGGTCATTCCATTGCACAGCTAAATACAGAGAATGACCATCCTTTCTATTTCAGATTGACACCGTGA
 AAAAAGCAACATCACAGGTGGTAGCAGGAATAATTATGTTATTGAGTTATAGCCAGAGAAACCAATG
 TTCCAAGGAAAGTAACACAGAGCTGACAGAAGATTGTGAGATCAAGCACCTTGACAAAGTCTCGACTGC
 AATGCTAACGTGTACATGAGACCTGGGAGAACAAGTCATCCGACTGTGAAATGCCAAGCATTAGATA
 AGACTATTCTATCCGAAGGAGGCTCCAGGCTTTTCTCTTCCGGTCAGCCAAAGTACAAGAAACAAA
 AGCAGGAACAACCTAGGCTCCTACGCGCGTGCGAGTACAAGGGCAGACTCTCAAAGGCAGGGCAGAGCCA
 GCGCCTGAGCGTCAGGCAGAATCTTCAAGTGAAGCAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001102409

Insert Size:

1302 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001102409.1, NP_001095879.1</u>
RefSeq Size:	1612 bp
RefSeq ORF:	1302 bp
Locus ID:	385643
Cytogenetics:	16 B1