

Product datasheet for **RN211880**

Iqch (NM_001106830) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Iqch (NM_001106830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Iqch
Synonyms:	RGD1310670
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211880 representing NM_001106830 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTCAGGCCAGGAGCTCAACGACCCATTGGATCCATCCTAATCCAGGTCCATGGGGACCTCCATC
 AGTTAAAGGAGAAATTAATTCAATTCTCAGCTGAGGAGACAAGAGACCCCTCTAGACATTCAAAATCTTGA
 GACAGCAATTCAAAGAACTGAAACGGGGTTAAAGATTACATTGAGAGGTATCTCGGAATTGTAACCAG
 GAGGTGATAATGACTCCTGTGAAGAGCTTAGACTCCCTATCAATTCCAAATGGGCGATTCCAAGTGTA
 TTGACCAGAAATCCTTTATTTTCCCATGGCTCCCGATAAACTTTGGGGACTTCAAAAACATCGCGGTTT
 ACTTCCACGCGGCTTTACAAGAGCAAAGCCAAAAGTAGAGTTGAACAAGAAGATCATGCAGGACCCCTGAG
 AACATGCACCACAGAGCTGCTGTAAATGTGAGCTATGGGATCAGTTTGCCACGTATTAACAGAGGAAAG
 CACATGATAAGGTTTCGGCGGGTAAGAAAAGGTCACGATCTCCAACCTCACAGTTCTGCCATCCAGTCA
 TCGCACTGACCCCATTTTATCCCATACCTGTCTTGCAAAGGATGCCAGTAAAGGGATCTTAAGTATG
 ATCGAACGAGGGCTGATCCCCCAGCAGCAAGGATTACCTTTCAGAATCCACCCATTAACCCCAAGCAC
 TTCCTCTGCATAGCTTTGATGAGCATCGGAAGGTATCAATAACAGCCTCCTTTCCGATAGCTCATAAGCC
 ACGCCTGGCTTCAGAAAAAGTGGAGGAGTCTCAACAGAAACAGAAAGCCAAAGGAAAAAGACAAAAGTCA
 AGAGGACAACCCAGTAGGAAGAGCACGAGGATTACTACACCGTCTAGGATTAGGAGATCACCATGGGATT
 ACATCTTGCTGTTTACAACGGCTCTGTAGACAGGGCAGCCCGACTTTATAGCATTCAAACACAGTTA
 CAAATTAATCTGGGGAAGCATTTTTTCTTCTGGAACAAATTGAGAAATTTCTCAAGGACTATGCAATA
 TCAGAAGCCAAAGTAAGAGGGAAGAGTCTGGTGTCCCTGCTTCCAGAGTTTGAGCTGAACAACAACTTA
 CCAAACTGACGTTCTGGCTGTGCTAGAGAACCCGCTCCACATCCAGATGCTGCTAAATCTTCTGGACA
 GAGGTTCAAGGGCCGGGACGGAAGGACAGAGGCTGCCGTCAAGATCCAAGCCACATGGAAAAGTTATAAG
 GCAAGAACTTCCTTCATTTCTTATCGCCAGAAGAAGTGGGCTCGGGAGTGATCGCCTGGCATGGCTTC
 TACATTGCCACAAAACAAGACTAAAGAGGATAGTGGAGGAATCTCGACAGAGACACCTGGATAAATTCCG
 AATTTCGAGCCAAGCATCTGGCAGCCAAGTGGAGTCGCATCAGGACCTCCAGGAGGACTATTATCCATATA


[View online »](#)

```
CCATCATTAGGATATTCCAGTCTGTGCGAAAACACATATCTGATTTGGACATAGAGCAGAACAGGCAGT
TGGGGAGGCTGTGTGACATCCTAGATGTCAACGTCAATGTCTACGTCTGCTCCAGTCCCATGAATGA
CGAGTTAAAGCTGTACTACAAAAAATCCTGAGTCTGCAAGCAGCTGTCAAATCGGGCTACTATGGGGAT
AGGTCTGACCTGCAAAACAGGTTTCAGAATTATCACCCCTGAAGCTGTAACATCTTCACTAAACATCACA
TGTGCCTGGCTACTCACCTGATGTACAGTCCCAAGGCAATCAAAGAATAAAAAATCTCATCAAGGAGA
AGAGGCCTACATCGTGGCGGGATCCTCCACAGAGATGATTTAGCTGTGGCTGACATGTTGAATGTACCC
ATCCTGGCCTCAGAGCCTGAGCTGGTTACCTTTACAGTGGCAAGTCTGGAAGTAAACGGATCTTTGATA
ACGCTAATGTGCCAATGCCTCCTGGAGTATATGACATCTATACTTACCAGCAGCTGATAGAACAATTGAG
TCAGTTGGTGACTGATAACCTGGGAATCCGACGCTGGGTCTTTAAATGAACATGGAATTTGGAGGAAAT
GGGACAGCATTTTGGACATCCCTTCCCATCTACAGTGCTACAAATGGGTGGTGAAGGAGAGTAACAGAT
TCGGCCCTGAGGACTGGAAGAAGAAGTGGGCACAAGAGTCAGCTCTGATGAAGATCTCCGAGGAGCTGGC
GGGCGTTTTAGCACAGCAGTACAGCTAGTCAATGAGAAACAGTTCCTGACATGGAGAAAATTCCTCCAC
ATGTTTCTCACTCAAGGTGGCATCATTGAAGCATACCCACCTGCAGACAGCATCACCAACCTCACCGTAG
ACATGTTGATAGAGCCTGACGGAGAAGTCAGAGTGCTGCAATGGGGGACCAGTTTCATGCTGATGGCCC
CTTTATTTCTTGGTACCACCATGCCTCAGACTTCAGTGGATCCCCAAGTTCTCAATTCTTTGTGCCTC
CGAATTGGAAATATCTGCAAAGAGAAAGATGTGGTTGGTTATTTTCTATAGATCTGGTGACTTTTATTG
ATCCAAGCACCTTAGAGCAGCAGGTATGGACAACAGGCCTCAACCTCTCATAAGTGACCAGCTAGCCAT
GACGCAGCTCACCTGTACCTGACAAATGGTTATCTGAATTGTAGTCTGAGCACCTGGAAGTGCCCGGT
TTTAAAGAAGATGCAGAAAGGAAAAGAACGTCGTGAGCATCCAGGCAGAGCTGGCCCCAGAAACAGTC
GCTATGCAGTGATGTCCACACAGCTGAAGCAGACAATCTCTCACTCATCTTCTATTATGTTTTCTCCA
GATGTGTAAGGCCCATGGCATCGGCTATGACCTTGAGGACAGACAAGGAAGTGTATTTATATTATGAA
TCTCTGAAGAGATACAAGTTGGGCATGATAACAATCGGTGTGGATCTCCAGGGGGCCCTCATGACCTTTG
CTCGCAATCTCTTCATCATCCATCAAGAAATATCAGCACCTGATATGCAAGGCGAGACCAATTTAAGAC
TACCTATGATGATATTGAAACCATTTTAGGAGTAACAGAAGAAAATAAATGATATTTGCAGGAGAAAAA
CGGCGCAAAGAGGAGGAAGAGAGCCTGTATGAGCCTGTTGAGATATACAAAAACAGTATGA
```

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106830
Insert Size:	3213 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:	<u>NM_001106830.1, NP_001100300.1</u>

RefSeq Size:	3618 bp
RefSeq ORF:	3213 bp
Locus ID:	300776
Cytogenetics:	8q24