

Product datasheet for **SC337022**

IQCH (NM_001284348) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IQCH (NM_001284348) Human Untagged Clone
Tag:	Tag Free
Symbol:	IQCH
Synonyms:	NYDSP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC337022 representing NM_001284348.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGACAAAGGCCATGAAAGTCAAAACACCTTTGAGAGCCCTGAAATCACTGTGGATTATGACTTTTAA
ATTTATGATGGTGTATAGACAATACAGCCCAGACTTCTTAGCATTCAAGGAACATTTAGCTTAGCT
TGGGGAGGTATTTTTCTCTCTTGGAAACGTCGAGAAGTTTCTCAGGAACATATGCTATACCAGAAGTC
AAAATAAAAGGGAATAATTTGGTGGCCCTCCTTCCAGAGTTTGAGCTGACGAATAAACTTACCAGATAT
GACCTTCTCTCAGTGTTAGAGGACCCAGCTCATGTCCAATGCTGATAAATCTTCCAGGGCAAAGGTAC
AAGGGCCAAGATGGAAATTCGGAGGCCGCCATGAAGATCCAAGCCACATGGAAATGCTACAAAGCAAGA
AAATTTCTCTCTTTATCGCCAGCAGAAGTGGGCATCAGGTGTGATTGCCATTGCTTGGCTGTTATAT
TGCCATAAGACTCGACTAAAGAAGATACTAAAGGAATCACGTGAGAGACACCTGGAGAATTTTCGCATT
CGAGCCAAGCATCTGGCAGCCAACTGGAATCGCATCAGGACCTCCAGGAGGACTATTATCCATATCCCA
TCATTAGGTATTTCCAGCCTGTGAGAGAACATATTGCCGATTTCAACACACAGCAGAACATGCAGCTG
GGGAGGCTGTGTGACATCTTAGATGCCAATGTGAATGTACATCTGCTCCCATCATATGAATGAC
GAGTTAGTGCTGTATTACAAAAAATCCTAAGTCTACATGCAGCCGTCAAATCTGGGAACCTTGAGGAC
AGAAGTGACCTGCAGGACAGGTTCAAAATTATCACACCTGAAGCTGTAAACATCTTCCCTATGATAGAG
CAGCTGAGTCAGCTGATAACTGATCACCTGCAAAATACAGCGTTGGCTCTTTAAATGGACTCTGAGTTC
CGAGGAAATGGGACTGCATTTTGTGATATTCTTCTACCTAAAGTGCTACAAATGGGTGCTAAAGGAG
AGTAGCAGATATGGCCTTGAAGACTGGAGAAAGAAATGGGCACAAGAGCCAGCTTTGGTGAAGATCTCT
GAGGAGCTGGCGGCATTTTAGCACAGCACGCACAGCCAGTCAATGAGAAACGGTTCCCGACGTGGAGG
AAATTCCTCCAAACATTTCTCAGTCAAGGGGGTGTGATCGAAGCATTCCACCTGCAGACAATGTCACC
AACCTCACAGTGGACATGCTGATAGAGCCCAACGGGAAAATCAGCGTGCTGTGACAGGGGACCAGCTT
CATGCTGAAAGCCCTTCATCTCTCTGTTACACCGTGCCTCAGACCTCAGTGATCCCAAGTTCTC
ACTTATTTGTGCCTCAAATTGAAAAGCCTGCAGAATGAGAGATGTGGTTGTTACTTTTCGATAGAT
CTGGTGACTTTTATAGATCCAAGCACCTTGAACAACAGGTGTGGGAACCGGCCTTAACCTGCATAT
AGTGACCAGCTGGCCCTGACTCAACTCACCTTATACCTGACAAACGGCCATCTGGATTGCACTTTGAGC
ACCCTGGAAGTGGCCGCTTTGTTCCAAAGGAAAGGAAGAAAACCAATGCATGAGTGCCTGTCAATG
CCGATGCTGGCAACCAGTCGCTATGCAGTGATGACCACCCAGCTAAGACACAGCAATCTCTACTGTT
TTCCACTATGTTTTCTCAGATCTGTAGGGCCCATGGCATTGGCTATGATCTTGAGAACAATCGGCGA
GGATCTCCAGGGGTCTCATGACCTTTGCTCGCCATCTTTCATCATCCATCAAGAAATATCAGACC
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001284348

Insert Size: 1866 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_001284348.1](#)

RefSeq Size: 3691 bp

RefSeq ORF: 1866 bp

Locus ID: 64799

UniProt ID: [Q86VS3](#)

Cytogenetics: 15q23

MW: 71.2 kDa

Gene Summary: May play a regulatory role in spermatogenesis.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (4) contains multiple differences in the coding region, compared to variant 1, including initiation of translation at an alternate start codon. The encoded isoform (4) has distinct N- and C- termini and is shorter than isoform 1.