

Product datasheet for **MC221659**

Iqub (NM_172535) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Iqub (NM_172535) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Iqub
Synonyms:	4932408B21Rik; Trs4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC221659 representing NM_172535
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTGATCCCAGGAAGAACGTGTCGCTGACTCCACCGCCACTATGAAGAGGCTGGCAAAGTCATCA
 GTATTCCTCGTCCTTCAGACGAAGCAGAAGGGTCAGATGTGATGCCAGAGCAAGACGATGAAGTGCAGGA
 ACTCACACCAGAGAGCGAGGAGAACGTGGAGAGGCATAGTGAATTTAGTCTTTCAACCCCAAAATCCGAC
 GACTCCAAACCCAGGGAAGAGGTCACGTCCTTGGAAAGTGCCTCAGGATCTCAGGATCAAGATTACAGAC
 TTTTGGATTACCAGAAAGGAGAAGATGATGAGCTGTTATTTCTGCATAAGATAAAAGCTATAAAGGAGAC
 TTTGCAGACGTCAGTGAGAGAGTCTATAGCAACAGTAAAAATTGACTTATTCTGCAGGCCAGGAAATT
 ATAATGCCTTTTAGAGTTGATGCTCCATTTAGATTCCTCAAGGAGCACTTGCACACTTATTACATATCC
 CACATTATGTAAGTCAAATAACACATGAAGGCATCATTGTTGGGAATAATGAATCTCTAATACAATATGG
 AATCAAACCCACAAGAAATTGTTCAAGTGGAGGTGTTTTCCACACTTCCTGACCAATATCCAGTCAGAAGA
 ATAGAGGGCTTGAGTGAGGGCTCCAGATCATAACGGTCAACATTTCAGACCAGCATCGATCGCTATGAGG
 AGGTAGCAGTTGAGATAATAAAATCTGACTTCCACAAGCCATTTCTTGGAGGATTAGACATAAAATAAC
 AGGACTAGAATATCACAACGCTGGAACACAAGTGTACCTAGAAAAGATTCTGAAAAAGACAATCTGTTC
 TGTAGGGACACCCAGACAGTTTTTCAGAAAAAAGCTACAACAACTACAAATACCACCTCCACTCAGA
 TGACTAAAATTGGTGTGTATGTATCAAACATGACCGATAAACTGCTCAAGCCAGGAAATTAATTTTCAGC
 AGCAGAGTACCACGCTCGACGGTTGCATGCGGTTATAGTGATACAGACTTCTACAGGCGGTGGCAGCT
 AAGCGCTATGTAGAAAGCTTAAGAAAACAAAAGAAATTGAGGTTGGAGTGGGAAGAAGAGCAAGAACTCC
 TGAAGATTCAAGAGAAGGAAGAATGGATACGAATGGACTATTACCGGAGGCACAACCCCTAAAACAAGTGA
 AGATTTTGAGCTCCTTTACAATGCTCTGGAACCTGCGCGCAAGAAGAAGTTGAACAAATTTGCCATTAT
 TCAAGTGAAGCTGAAAGGAAGGCTGCTCTGTGTGAGCTATTGAAAAAGAGACACAGATGATTGCTTCCA
 TCGGGAGACATAGATCCGCTGCTCGTATGGAGAGGCAGGATGCAGCTATCCAAGCTTTTCTGGATAAGTG
 TTCAGCTCCAAATGTCTGGAGAAGAGGTGATGGCAAAACCATTGAAATGGATACACAGTTCACGATAAGA
 GCCAGAGAGCTGCAAAGCATCTACAAGTGTATCCTGCTGAAAGACCTCTCTCAAGACGAGAGGCTGGATA
 TACTCCTGACGCTTAAACACACTGTGAAGGAACATGAGTGTAACTGACTCAAGAAATCCTAGAAGTGT
 TGACAGAGAAGTTGACCTTATGATGAGAGGAGTCAAACCTCATAATCTCGAAGGACTCAGAAAGAGAATC
 ACAACGCTCTTTATCTACTACATCAAACCTCCTCTGTTTAACTCCTGAAGTTGCAAAGTACCTAAGGTCC
 CTCAGAGCCCACTGAAGTTTTATGATACGATTTACTTTTGCCACAGTTGCCAAAATTTATTTGCCCTTCTGT
 GGAGTTTTCTGTCTCACCCACCTCCACCGTGTGTACCGTCCCGCCACTGCATAAACCTGGAGAATGAG
 ACTCAGAGGCGGGAAATCGTTTTTGAAGTACAAGTGTACTTTCAGCGGCTCTACTACTCTGAAGCTGATT
 ATGGGGATAACTCCCAGATTGCTTTTCTGATGCAGCTTCAGGATATTAATACTTGACAGAGAACATCTG
 GGCATCCCAGTCGGCCCTCAGTGCCTGGGATGATCTCAATGACCTGGTCATGGTCAGGTGGGATAAACAC
 GTGGAGTGGTCTCCCTGGAAGTGCATTCTCTCACCAAGGATGAAAGCACAGCTCACCTCAGGCTACCGA
 GTATTGAAAAGGGGTATGGACACCATTTGTTCCACAAGATCAAGCACAAACATATCCTGGCTAAAAACTA
 TTTTTCACAGATCCCAACGTTGGCGTCACTTATACTTAATGATGATGAAGTGAAGATATCAGGAGTAAA
 CACTCCACAAGAGTCCACCCAAAATCATAATAACCCGTAGGATTC AACCTCAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172535
Insert Size: 2367 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:	<ol style="list-style-type: none">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_172535.3 , NP_766123.2
RefSeq Size:	3651 bp
RefSeq ORF:	2367 bp
Locus ID:	214704
UniProt ID:	Q8CDK3
Cytogenetics:	6 A3.1
Gene Summary:	May play roles in cilia formation and/or maintenance.[UniProtKB/Swiss-Prot Function]