

## Product datasheet for MC205580

### Ift46 (NM\_023831) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ift46 (NM\_023831) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ift46  
**Synonyms:** 1500035H01Rik; AA408110; A1663846; c11orf2; R75047  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC080764

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GCTTGTTGCACCTAGGGATCCTTGAAGTGGCTGGGCTGAGAGTGAGACCCAGTCTCGGCTGGGGTTC
TTTCCAAATAGAAGAAACGGATCCAGAGGGGTACAGACCAAAATGTTGAGAACCAGACATACGATGAG
CGTCTAGAGATTAACGACTCGGAAGAGGTTGCCAGTATTAGCACTCCAACCCAGGACAGCAAGGCCCTC
CTTTTTCTGCCGCTCTTCCCAACAGACGATGGCTGATAACAGCAGTGACGAGTACGAGGAGGACAATAA
GGAGAAGAAGAAGCCCTCCAGCTGACACCACAGCAGGGCTTCAAGTGAATGATGATGACGACGACGAT
GACTCCTCTGAGACGGATTCCGATGACGACGATGACGATGAGGAGCATGGAGCACCTCTGGAAGGGGCGT
ATGATCCTGCCGACTACGAGCATCTGCCAGTCTCGGCCGAGATCAAGGAGCTCTTTGAGTACATCAGCCG
GTACACACCTCAGTTGATCGATCTGGACCACAACTGAAACCTTTCATTCTGATTTTATCCAGCTGTT
GGGGATATCGATGCATTTTTAAAGGTGCCACGTCCCGATGGAAAGCCTGACCACCTTGGCCTCTTGGTGT
TAGATGAACCATCGACAAAGCAGTCGGACCCTACCGTGTTCGCTGTGGTTAACAGAGAATTCCAAGCA
GCATAATATTACGCAACATATGAAAGTAAAGAGCCTGGAGGATGCAGAGAAGAATCCCAAAGCCATTGAC
ACCTGGATTGAGAGCATCTCTGAGTTACACCGTTCCAAGCCCCCTGCAACTGTGCACTACACCAGGCCCA
TGCCCCGACATTGACACTCTGATGACAGGAGTGGTCCCCGGAATTTGAAGAGCTCCTGGGAAAGGTGAGTCT
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TTCTATAAGAGCCGGATTCACTCTCCACCTGCTTTTTCCCTACTCAGAGTTCAAGAACTCCCAGC
ATTTTAAAGCTCTTGCTGAAGGCAAAAAGTATCACCCCTCCACCAACTCTGCCTCCCAGGCTGGGGA
TGCGGAGACACTGACTTTCATCTGAGCCTCCTCCTGGGACTGTGCTTCAAAGTTAGATGAAGATGTGGTC
TCTGTTGGCAGCTTAATGTCTCCCTGCTCCACAGCTGGGCTCTGTCAACATGAACCTGCTGCCTTGTC
TCGAGGGCAGGGCACACCTTGTTTACACCTGCCTCCCATTTGCCATTCCAGAGGAAGGATGTAGCCACTCT
GCTGTGGGCTCTGAGTTGGAAGAACTGGGACTCTGAGAGCCCCAGGACAGGTTGGGGACAGAGCTTC
CAGAGACACAGACTGCTCTGTGAGGTTGTGATGGAATACATACTGGTTTTACCCATGAAAACAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAA

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**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_023831



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<b>Insert Size:</b>	906 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>	<a href="#">BC080764</a> , <a href="#">AAH80764</a>
<b>RefSeq Size:</b>	1494 bp
<b>RefSeq ORF:</b>	906 bp
<b>Locus ID:</b>	76568
<b>UniProt ID:</b>	<a href="#">Q9DB07</a>
<b>Cytogenetics:</b>	9 A5.2
<b>Gene Summary:</b>	Forms part of a complex involved in intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia. May play a role in chondrocyte maturation and skeletogenesis.[UniProtKB/Swiss-Prot Function]