

Product datasheet for **MC221499**

Ift80 (NM_026641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ift80 (NM_026641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ift80
Synonyms:	4921524P20Rik; mKIAA1374; Wdr56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221499 representing NM_026641
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGACTGAAGATATCTCTCTCAAAGGAACCAAAGCATCAAGAATTAGTGAGCTGTGTGGTTGGACTA
 CGGCGGAGGAGCTGTACTCATGCAGTGACGACCACCAGATCGTCAAGTGGAACTGCTAACCAGTGAAC
 CAGCCTAATAGTCAAGCTGCCTGATGACATCTACCCGATAGACCTTCACTGGTTTCCAAAGAGTTTAGGC
 ATAAAGAAACAGACGCAGGCAGAAAGCTTCGCTCTCACAAGCTCTGATGGTAAGTTTCATCTGATTTCCA
 AGTTAGGAAGAGTGGAAAAGAGTGTAGAAGCTCACTGTGGGGCTGTGCTCGCAGGACGATGGAATTATGA
 GGGGACTGCATTAGTACAGTTGGAGAAGATGGACAAGTAAAACTGGTCAAAGACAGGGATGCTCAGA
 TCAACTTAGCCAGCAAGGAACACCAGTGTACTCAGTAGCCTGGGGCCCTGATTCAGAAAAGTTCTTT
 ATACAGCAGGCAAACAGCTCATCATTAAACCTCTTCAACCAAATGCTAAAGTTTTACAGTGGAAAGCCCA
 TGATGGCATCATTTTAAAGTCGACTGGAACCTCAGTGAATGACCTATTTTATCTGCGGGTGAAGACTGT
 AAGTATAAGGTTTGGGATAGTTATGGCCCGTGTGTACGGCTCCAGCCTCATGAGCACCCATCACCT
 CAGTGGCCTGGGCTCCAGATGGGGAGTTATTTGCCGTTGGATCGTTTCATACGTTACGCTTGTGTGATAA
 AACTGGGTGGTACATATGCTTTAGAGAAACCAACTGGCAGCATATTTAACATTGCGTGGTCTATTGAT
 GGCCTCAGATCGCGGGAGCCTGTGGAAACGGGCATGTTGTCTTTCACATGTGGTGGAGCAGCGCTGGG
 AGTGGAAAAATTTTCAAGTAACGCTAACGAAGAGAAGGACCATGCAGGTTTCGCAACGTTCTCAATGATGC
 CGTGGATCTCTGGAGTCCGGGACAGAGTCATTAAGCATCCTTAAACCACGCACACTTGGTGGTCTCC
 ACGTCCCTGCAGTGTACGTGTTCTCTACGAAGAACTGGAATACACCATTATTTTATCTCAAAGAAG
 GAACTGTTAGTTAATTCTGCAGCAGAAAGACATTTTCTTCTGGTGGATGGCGGGGTATCTACCTGCA
 CTCTTATGAAGGCGCTTCATTTCTTCTCAAAGTTTCTGGCATGAGAACAGACATCCTGAACGCTCAG
 ACTGTGTCTCTGAGCAATGACACGATAGCAATAAAGGACAAGCTGACGAGAAGATAATCTTCTCTTTG
 AGGCGTCAACTGGAAAACCCCTAGGGGATGGGAACTTCTTTCTCATAAGAATGAAATCTCAGAAATTGC
 TCTGGATCAAAAAGGACTTACCAATGACAGAAAAATTGCTTTCATTGACAAGAACAGAGATCTCTACATC
 ACCTCTGTGAAACGATTTGGGAAAGAAGAACAGATTATTAACCTGGAACCATGGTACATACTTTGGCAT
 GGTGTGATACATGCAATATCCTCTGTGGAATCAAGATACTCGATTACAGTATGGTATTACCCTAATAC
 CATTTATGTGGACAGAGACATTTCGCTAAAACATTGTACGAAAGAGATGCAAGTGAATATAGTAAAAAC
 CCGCATATAGTGAGTTTTGTTGGAAATCAGGTAACATAAAGAAGAGCTGATGGCTCCCTGGTGCACATCA
 GCATATACCCGTACCCCGCCATCCTCCATGAGTATGTGAGCAGCTCCAAGTGGGAAGAGGCTGTAAGGCT
 TTGCCGCTTTGTTAAGGAGCAAAGCATGTGGGCTTGCCTAGCGGCTATGGCTGTTGCTAATCGAGATATG
 GTCAGTGCAGAAATAGCCTATGCAGCAGTTGGGAAATTGATAAAGTTCCGTACATCAATGCTATAAAAAG
 ATCTTCCATCTAGAGAGTCAAAAATGGCCACATACTCATGTTTAGTGGGAACATCCAGGAGGCTGAAAC
 AGTCTGCTCCAGGCTGGCCTGTTTATCAAGCCATACAGATCAACATTAATCTCTATAACTGGGAAAGG
 GCGCTGGAGTTGGCTGTAAAATACAAAACCCACGTTGATACAGTGCTCGCTTATCGTCAGAAGTTCTTGG
 ACACATTTGGTAAACAGGAACTAATAAACGATATTTACAATATGCAGAGGGCCTCCAAATAGACTGGGA
 GAAAATCAAAGCCAAAATTGAGATGAAAATTAATAAAGAACGAGACCGATCATCCAGCGCCAGTCCAGC
 AAGAGTGTGGGCTTAAAGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_026641
Insert Size: 2334 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_026641.2 , NP_080917.1
RefSeq Size:	4090 bp
RefSeq ORF:	2334 bp
Locus ID:	68259
UniProt ID:	Q8K057
Cytogenetics:	3 E1
Gene Summary:	Component of the intraflagellar transport (IFT) complex B, which is essential for the development and maintenance of motile and sensory cilia.[UniProtKB/Swiss-Prot Function]