

Product datasheet for **RN205071**

Ift46 (NM_001024760) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ift46 (NM_001024760) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ift46
Synonyms:	RGD1307682
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205071 representing NM_001024760 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGATAACAGCAGTGATGAGTACGAGGAGGACAACAAGGAGAAGAAGAAGCCCTCACAGCTGACCC
CTCAGCAAGGCTTCAGTGAGAATGATGACGACGATGACGATGACTCCTCTGAGACCGACTCTGATGACGA
TGACGACGACGAGGAGCATGGAGCACCCCTGGAAGGGGCTATGATCCTGCGGACTATGAGCATCTGCCA
GTCTCGGCTGAGATCAAGGAGCTCTTTGAGTACATTAGCCGTACACACCTCAGTTGATTGATCTGGACC
ACAAACTGAAACCTTTTCATTCTGATTTTATCCCAGCTGTTGGGGATATCGATGCATTTTAAAGGTGCC
GCGTCCTGATGGAAAGCCTGACCACCTGGGCCTCTTGTTTTAGATGAACCGTCTACCAAGCAGTCGGAC
CCTACCGTGCTTTCCCTGTGGTTAACAGAGAATCCAAGCAGCATAACATTACGCAACATATGAAAGTAA
AGAGCCTAGAGGATGCAGAAAAGAAATCCCAAAGCCATTGACACCTGGATTGAGAGCATCTCTGAGTTACA
CCGTTCCAAGCCCCCTGCGACTGTGCACTACACCAGGCCCATGCCTGACATTGACACTCTGATGCAGGAG
TGGTCCCTGAGTTTGAAGAGCTCCTGGGAAAGGTGAGTCTGCCCACTGTCGAGATCGATTGCAGCCTGG
CTGAGTACATTGACATGATCTGTGCCATCCTGGACATTCCTTTCTACAAGAGCCGGATTCACTCCCTCCA
CCTGCTCTTTCCCTCTACTCAGAATTCAAGAATCCCAGCATTTTAAAGCTCTTGCTGAAGGCAAGAAA
ACATTCACCTCTCCATCCAACCTGCCTCCAGGCTGGAGATGCGGAGACACTGAGTTTCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001024760
Insert Size:	906 bp



[View online »](#)

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_001024760.1, NP_001019931.1</u>
RefSeq Size:	1569 bp
RefSeq ORF:	906 bp
Locus ID:	300675
UniProt ID:	<u>Q6AXQ9</u>
Cytogenetics:	8q22
Gene Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]