

Product datasheet for **RN212051**

Ift74 (NM_001007001) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ift74 (NM_001007001) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ift74
Synonyms:	Ccdc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212051 representing NM_001007001
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAGTAATCACAAATCTGCAGCACCTCGCCCTATTTCTCGGGTGGAAATAGGACTAACAGGAAGGC
 CTCTTCTGGAATAAGACCCCATCTGGGACTGTTTCGAGTGGCCACTGCAATGCCACCAGCAACAGCAAG
 ACCAGGTTCCCGTGGTGGTCCCTAGGGACTGGCGGAGTTTTGTTCATCTCAAATCAAAGTTGCTGATCGT
 CCTGTAACCCAGCAAGGTTTGGTGAATGAAGACTGGCATGAAAGTCCCCAGAGGCAAATTTAGACA
 AATCTTACTATCTGGACTTCTTAGGAGCAAAATAAGTGAACCTACAACCTGAAATTAATAAACTTCAGAA
 AGAGATAGAAATGTACAACCAAGAAAATTCAGTATATTTGTCATATGAAAAGAGGGCAGAGACATTAGCT
 GTGGAAATTAAGACTTTCAAGGACAACAGCAGACTACAATATGTTGGTAGATAAACTTAATACCAATA
 CCGAAATGGAAGAAGTAATGAATGATTACAACATGCTTAAAGCTCAAAATGATCGAGAAACAAAGTAT
 GGATGTCATATTTACCGAAAGACAAGCGAAAGAAAACAATCAGAAGTGTAGAAGAAGAAGTTGAACAA
 GAAAAGCAGGCAGCAGATGGCATTATCAAAAATATGTCCTCTGAAAAACAAGTCAAGTACATAGAAATGA
 AAACCACGAATGAGAACTATTGACGAATTAGATACACTTCAGCAACAACCTAGATTCACTGAACATTAA
 AAAGGAGAGCCTAGAACTGAAATAGCACACTCCAGGTAAAACAAGAGGCTGTATTGCTATATGAAAA
 CTTTATGAGTTAGAGTCCCATCGAGATCAAATGATTGCAGAAGACAAAAGCATGGGATCGCCAATGGAGG
 AAAGGGAGAGATTGCTTAAGCAGGTTAAAGAAGATAATCAGGAAATAGCCAGCATGGAGAGACAGTTAAC
 AGATATAAAGGAAAAATAAATCAGTTTGTGAAGAGATTAGACAACCTTGACATGGATTTAGAGGAACAC
 CAAGGTGAAATGAATCAAAAATACAAGGAGCTTAAAAAAGGGAAGAAAAATGGATGCTTTTATAGAGA
 CTTTTGAGGAAACGAAGAATCAGGAACTAGAGCGGAAGGCACAGATAGAAAACAGCATCACACTCTT
 AGAGCATTGCAGTCGGAATATAAATCGTATGAAACAGATATCCTCCATCACAACCAAGAGCTAAAGATG
 ATGCAGGATGACCTCAGTTTTAAATCAACTGAAATGCAGAAGTCACAGACAACAGCTAGGAATTTGACCT
 CAGACAGTCAGCGTCTACAGCTGGATCTCCAGAAAATGGAACCTTTGAAAAGTAAGATGACAGAAGAGCA
 ACAGTCTCTGAAAAACAATCAAGCAATGACTGCTGACCTGGAGACATACAGTGACCTGGCAGCTTTA
 AAATCATCAGCTGAAGAGAAGAAGAAGAAATTACATCAAGAAAGAACAGTATTGTCAACCCACAGAAATG
 CCTTTAAGAAAAAATGGAGAAGCTGACTACAGATTATGAGGCACTGAAAACACAACCTTCAAGACAATGA
 GACACATGCTCAGCTTACAACTTGGAGAGGAAGTGGCAGCATCTGGAGCAAAATAATTTTGTAAATGAAA
 GAGTTCATAGCAACCAAGAGTCAGGAGAGTGATTACCAGCCAGTGATTAATAATGTGATGAAGCAGATTG
 CAGAGTACAATAAAACCATCATGGATGCTCCATAGTCCAGCAGAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001007001

Insert Size: 1803 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_001007001.1](#), [NP_001007002.1](#)

RefSeq Size: 2133 bp

RefSeq ORF: 1803 bp

Locus ID: 313365

Cytogenetics: 5q33