

## Product datasheet for RN216502

### Ift52 (NM\_001177685) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ift52 (NM_001177685) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ift52
Synonyms:	RGD1311004
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216502 representing NM_001177685 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAAGGAGCTGAGGAGTACCATTCTTTCAATGCATACAAAAGGAGGTGTTACCACCAACTG  
GCTACAAATCTTTCAGAAAAGACTTCGGAGTAATTGGAAGATTCAGAGCTTAAAGATGAAATCACTTC  
TGAGAAGTTAATTGGGGTAAACTATGGATCACAGCTGGACCAAGGAAAAGTTTACTGCTCAGAGTTT  
GAAGTCTGAAGAAGTACCTTGACAGTGGTGGGACATCCTTGTGATGCTGGGAGAAGGGGAGAATCCA  
GATTTGATACCAATATTAACCTCCTTCTAGAAGAATATGGAATCATGGTTAATAATGATGCTGTGGTTAG  
AAATGTGTATTACAAGTATTTCCATCCTAAGGAAGCTCTGGTTTCAGACGGAGTGTGAACAGAGAGATT  
AGCCGAGCTGCAGGAAGGCTGTGCCTGGAGTCATTGATGAAGAGAACAGTGGAACAATGCCAGGCTC  
TCACCTTTGTCTACCTTATGGTGCCACATTGAGCGTCATGAAACCAGCAGTGGCTGTTCTGTCCACAGG  
CTCTGTCTGCTCCCACTGAACAGGCCATTCTGGCTTTCTACTCAAAGAACCAAGTTTTGGAAAAG  
CTGGCAGTGTGGGCTCGTGTATATGTTCAAGTACCAATATTTAGATAAAGAAGAAAATAGCAAAATTA  
TGGACGTTGTGTCCAGTGGCTCACAACAGGAGACATCCACCTAAACCAGATTGATGCTGAGGACCCAGA  
GATTTCCGACTACACGATGGTGCCAGACACAGCCACCTTTTCCAGCAGCTCCGAGTGTGTCTCCAGGAA  
GGCGATGAGAACCCTCGTACTTTACCACCTCTTTGACCTGTCCATTTACCAGTGGACACCACCTGCC  
TCCCAAGGTCATCAAGGCTCAGGAGAACTAAATGTGAAGCATGAACCACTGCAGCTCGTCCAACCTCA  
GTTTGAGATGCCGCTGCCAGCCCTTCCAGCTGCGGCTCTGAGAACTCTTGGCTGAAAGACTGCATCTCC  
CCTAGGCTTCCCTCCAAGTTTCCGGGAGCTGCCACCCCTCCCTGGAGCTGTTTGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_001177685
<b>Insert Size:</b>	1113 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001177685.1</a></u> , <u><a href="#">NP_001171156.1</a></u>
<b>RefSeq Size:</b>	2150 bp
<b>RefSeq ORF:</b>	1113 bp
<b>Locus ID:</b>	362265
<b>Cytogenetics:</b>	3q42