

Product datasheet for **RN217385**

Gtf2ird2 (NM_001271485) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf2ird2 (NM_001271485) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2ird2
Synonyms:	RGD1307435; RGD1566086
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217385 representing NM_001271485 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCCAAGTAGCAGTGTCCACCCAGCCCATGGGCAATGAGTCCTCAGACGGCAGGATGGTGGTGACGT
TCCTCATGTCTGCCCTGGAGTCCATGTGTAAAGAGCTGGCCAAGTCCAAGGCTGAGGTGGCCTGCATCGC
TGTATATGAGACGGACGTGTACGTGGTGGGACGGAGCGAGGCTGTGCCTTTGTCAATGCCAGACAGGAT
CTCCAGAAAGATTTGCACAGCACTCTGGAGAAACAATGGCCCAAGTAGCAGTGTCCACCCAGCCCATGG
GCAATGAGTCCTCAGACGGCAGGATGGTGGTGACGTTCTCATGTCTGCCCTGGAGTCCATGTGTAAAGA
GCTGGCCAAGTCCAAGGCTGAGGTGGCCTGCATCGCTGTATATGAGACGGACGTGTACGTGGTGGGACG
GAGCGAGGCTGTGCCTTTGTCAATGCCAGACAGGATCTCCAGAAAGATTTGCACAGCACTGTAAAGCAC
TGGGGACGACAGCCATGGTCCCTGTTTCCTACGAGCAGATGCTTCAGGATGAGGCAGCCGTGGTGGTTCA
GGGCCTCCCGGAAGGCTGGTCTTCCAGCACCTGACAATTACAGCCTTGCCACCTGAAGTGGATCCTG
GAGAACAGAGCCGAATCTTTTCGTCGTAAAGAGACCTTCTAGGTGCAGAGAGCCAGCTGGTGGTC
TTGGGACGGTGACAGATGCCGAGAGGCCGCGCAGCGCCACCAATGACAGCTACGGTCCCGTCAGTGTGAA
AACTGAACCCATGGAAGATTCGGCACTTCGCCAATGGCAGCGGCCGTGCTAATCAAGACAGAGTCTGAA
GATCCTAATTTAGTCCGTGTAATGCACAAGGAAGCCAGCATCCTTCTGCCAGCAGTGAAGTCATCGAAA
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GAAAATGGAAGGAAACGCAATCCGTCCAGCACTGTAACCTCTGCGGCAGGCGTTGAGGACCTTAAGATC
ATACAGGTGACAGTCCCAGATAATGAGGAGGAGAGGCTCTCGGCCTCGAGAAAATTAAGCAACTGCGAG
AACAAGTGAACGACCTTTCAGCCGGAAGTTTGGGAGGCGATCGGAGTGGACTTCCCGTGAAGGTCCC
CTACAGGAAAATCACCTTCAACCCCGGCTGTGTGGTGATCGATGGCATGCCCCGGGGGTGGTGTTCAAA
GCCCCCGGATACCTGGAGATCAGCTCCATGAGGAGGATCCTGGATGCTGCAGATTTTCATCAAGTTACCCG
TCATTAGACCACTTCTGGACTTGAACCTAGTAATGTGGGAAACGGAAGATAGACCAGGAGGGCCGCT
GTTTCAAGAGAAGTGGGAGCGAGCGTATTCTTCGTGGAGGTGCAGAACGTCCCCACGTGTCTGATCTGC



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AAGCAGAGCGTGTCTGTATCCAAGGAGTACAACCTGCGCCGCGCTACCAGACCAACCACAGCAGGCACT
 ATGACCACTACTCCGGGAGGCGCGGGAAGAGAAGCTTCGAGAGCTGAAGAGGGGACTGCGGAAGTATCT
 CCTGGGGGCGCTCGGAGATCGTGTGTCCAGAGCCAACGCTCTCGAATGCAAGTCCACCCACGAACTCCGTG
 GTGCAGCCGGTGGAGACGTGGCCGGGAGCTTATGGGAGAAGTTACGACAGAAAATCCGGTCTTTGTGG
 CATACTCCATCGCCATCGATGAGATTACAGATATCAATGACACCAACCCAGCTGGCCATCTTCATCCGTGG
 CGTCGACGACAACTTCGACGTGTCCGAGGAACCTTTGGACACCGTGCCCATGACAGGCGCCAAATCCGGG
 AACGAGATATTCCTGCGCTAGAGAAGAGTCTCAAGAAGTTCAGCATCGATTGGTCCAAGCTGGTGAGCG
 TGGCCTCCACGGGCACGCGGCCATGATGGATGCCAACAGCGGGCTGGTGACGAAGCTCAGAGCCAGGGC
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 CAGAATTTAAAGATGGGCCACGTCATGGACGTGGTGGTAGACTCGGTGAAGTGGATCTGCTCCCGGGGCC
 TGAACACAGCGACTTCACAACGCTGCTCTACGAGCTGGACAGTCAGTACGGCAGCCTACTGTACCACAC
 GGCCCTCAAGTGCTGGGCCGAGGGCTGGTCTCAGAAGTTCTTCGAATCATTGGAGGAAATAGACTCG
 TTCATGTCTTCTCGGGGCAAACCTGTGCCACAGCTCAGCTCTCGGACTGGATCCTGGACCTGGCCTTCC
 TAGTGACATGACGACACACCTCAATACCCTGGATGCCTCCCTCAAGGCCATTACAGATCGTGACCCA
 GATGTACGACTTCATCCGGGCTTCTAGCGAACTGTGCTCTGGGAGACACATCTGGCCAGGAACAAC
 CTGGCCCACTTCCACGCTGAAATCTGTTTCCCGGAGTGAGAGCGACGGGCTCAACTACATCCCAAGA
 TCGTAGAACTGAAGGCGGAGTTCAGAAGCGCCTGTGCGATTTCAAATCTTGGGAGAGCGAGCTCACCT
 GTTCAGCTCCCCTTTCTCCACCAAGATTGACAGCGTGCGGGAGGAGCTCCAGATGGAGGTGATCGACCTG
 CAGTGTAACACGGTGCTGAGGACCAAGTTCGACAAGGTGGGCGTCCCGGACTTCTACAAGCATCTATGGA
 GCAGCTACCCCAAGTACAGGAGCCACTGTGCCAAGATGCTGTGATGTTTACGAGCAGCCACATCTGCGA
 GCAGCTCTTCTCCATCATGAAGCTGAGCAAGAAAGAGGCGCAGTGGGGCTCAGCGCTCCAGGCCGAACG
 TGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001271485
Insert Size:	2943 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271485.1</u> , <u>NP_001258414.1</u>

RefSeq Size:	2943 bp
RefSeq ORF:	2943 bp
Locus ID:	288606
Cytogenetics:	12q12