

Product datasheet for **RN217604**

Drosha (NM_001107655) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Drosha (NM_001107655) Rat Untagged Clone
Tag: Tag Free
Symbol: Drosha
Synonyms: Etohi2; RGD1307626; Rn3; Rnasen
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217604 representing NM_001107655
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAAGGCAATACGTGTCATAGAATGTCTTACCACCCAGGACGAGGGTGTCCCCGGGACGAGGAGGAC
ATGGAGCCAGACCCTCAGCACCGACTTACAGGCCCAAAATCTGAGACTTCTTACCCTCAGCAGCTCC
TGCGCAGTATCAATATGAGCCTCCAGTGCCCCCTCTTCTCGTTCTCGAACTCTCAAGCCCCAACTTT
ATGCCCCACGGCCTGACTTTGTCCCTTACCCTCCACCAGTTGCACCGTCAGCACAGGGCCCTCTCCAC
CCTGCCAGTTAGGCCCCCTTACCCCAACCACCAGATGAGACACCCTTTCCTGTGCCTCCCTGTTTTCC
ACCCATGCCCCCTCCAATGCCTTGTCCCAACAACCCCCAGTCTCCGGAGCACCTCCCGGCAAGGCACT
TTCCCCTTCATGGTCCCCCTCCTTCCATGCCCAACCCCCACCCCTCCCGTCAATGCCGACGAGGTTA
ATTATCAGTACCCTCCTGGATACTCGCACAGTTTCCCGCTCCCAATTTCAACAGTTTTTCAAGCAACTC
CAGTCTTTCCCACCCAGTGCTAATAACAGCAGCACCCCTCATTTTAGACACCTCCCTCCATACTCACTT
CCCAAGGCTCAGAGTGAGAGAAGGTCCCCAGAGAGGCTTAAGCACTACGATGACCACAGGCCAGGATC
ACAGTACGGGGCAGGTGAGAGGCATCGTCCCTGGAGCGCAGAGAGCGCGGCCGAGCCGAGAGGAG
AAGACCTGAGAGCCGCTACCGCTCGGAATATGATCGGGGAGGACGCCACCGCCGCGCCATCGCAGCTAC
GAAAGGAGCAGAGAGCGGAAACGAGAGACACAGGCACCGGAAAACCGCAGATCACCGTCTCTGGAAA
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ATGCACAGCAGAATTACCTGGGAGATTATTAATAACAGATTCTTGGGCCCAACCCAGGAGAATGTG
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GCCAGAGCTCTGGCAAAGAGAAGAGCTATACGTCCATCAAAGAAAAGGAACAGAGGAGGCCGCCCTGA
GAAAACCGAGGAAGAGGACGAAGAGCTCCTCAAGCCGTTGGATCCGATGCACACACTCGGAAAGTTAC
TACTCCAGTGACCCCATGGATCAGGTGGGAGACTACTGTCTGATGGAACAAGCAGGCTCCGGGATCTGT
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CCCAAAGACAAAGCTGGATGAAGATTTAGAGAGCTCAGTGAGTCTGAATGCGAGACGGACGAGGACAGC
ACCTGCTCAAGCAGCTCGGACTCGGAGGTGTTTCGATGTCATTGCAGAGATTAACGCAAAAAGGCTCACC



CTGACCGACTTCATGATGAACTTTGGTACAACGCCAGCCAGCCAGATGAACGACGGACCCTTTGCAAATG
 CAGTGCAAAGCAAGACGCACAGGAATTCGGCACAGCATTTATCCCGGAGAAGAGGCAATCAAGCCCTGT
 CGTCTATGACCAACAACGCTGGACGACTTTTCCACTACCGGATTACCGTCTCCCCGCTACCACTTTT
 TAACGGACAGGCCAACAGTCATAGAATACGATGATCATGAGTATATCTTTGAAGGATTTTCTATGTTTG
 ACATGCCCTCTGACCAATATCCACTGTGTAAGTAATTCGATTCAACATAGACTACACGATTCATTTT
 ATTTGAAGAGATGATGCCTGAGAATTTTTGTGTGAAAGGACTTGAAGTCTTTTCTGTTTCTATTCAGAG
 ATATTTTGGAGTTATACGACTGGAACTTAAAGGTCCTTTGTTTGAAGACAGCCCTCCCTGCTGCTCAAG
 ATTTTCTTTCATGCCACGTTTTGTAAGATTTCTCCAGATGGCGCAAAGAAGTGTATCAATGCACCAG
 ATCTTCTCTACCTGCTTCGCTGTAGCAAGGCTTTGGTCCCTGAGGAGGAGATTGCCAATATGCTCCAAT
 GGGAGGAGCTCGAGTGGCAGAAATATGCGGAAGAGTGCAAAGGCATGATAGTTACCAACCCTGGGACGAA
 ACCAAGCTCTGTCCGCATCGATCAACTGGATCGTGAGCAGTTCAACCCTGAAGTATCACTTTTCCGATT
 ATCGTTCACTTTGGGATACGCCCTGCACAGTTGAGTTATGCAGGAGACCCACAATACCAAAAATTATGGA
 AAAGTTACGTGAACTTCGCCACCTCTTAGCAAATAGTCCAAGGTCAAACAGACTGACAAAACAGAAGCT
 GCGCAGAGGGAGGAAGCGCTCCAGAAGATACGGCAGAAGAACAATGCGTCGAGAAGTACCGTGGAG
 CTGAGTAGCCAAGGATTCTGAAAACCTGGCATTCTGTTCTGATGTCTGTCAGCACGGGATGATGCTGCTG
 TTCTGACCCATCATACCGATACCATCAATGCTTAATGCACCTGGACAAGTTGATAGGGTATACTTTTCA
 GGATCGTTGTCTGCTCCAGCTGGCCATGACTCATCCGAGTCATCATTTAAATTTTGAATGAATCCTGAT
 CATGCCAGGAATCTCTGTCTAACTGTGGAATTCGACAGCCAAAATATGGAGACAGAAAAGTTTATCACA
 TGCACATGCGGAAAAAGGAATTAACACCCTAATAAATATCATGTACGCCTCGGCCAAGATGATCCAAC
 TCCTTCAAGGATTAATCACAATGAAAGGTTGGAGTTCTGGGAGATGCTGTTGTTGAGTTTCTGACCAGT
 GTCCACCTGTACTATTTGTTTCTAGCTTGGAGGAAGGAGGCTTGGCAACCTATCGGACAGCCATTGTTT
 AGAATCAGCACCTCGCCATGCTCGAAAAGAACTTGAAGTGGATCGATTTATGCTGTATGCCATGGGCC
 CGACCTATGTAGAGAATCAGACCTCCGGCATGCGATGGCCAATTGTTTGAAGCATTGATAGGAGCTGTT
 TACTTGGAGGGGACCCTGGAGGAAGCCAAACAGTTGTTTGGACGTTACTCTTTAATGATCCGGACCTGA
 GAGAAGTCTGGCTCAATTATCTCTCCACCCACTCCAACATAAGAGCCAAATACAGATCGACAACCTTAT
 TGAAACTTCCCCAGTTCTACAGAACTGACCGAGTTTGAAGAAGCAATTGGGGTATCTTCACTCACGTC
 CGGCTTCTGGCACGGGATTACACTAAGAACTGTGGGCTTTAACACCTGACCCTAGGCCACAATCAGA
 GGATGGAATCCTGGGTGACTCCATAATGCAGCTGGTAGCCACGGAGTACTTGTTCATCCACTTCCCCGA
 CCACCACGAAGGACACTTGACGTTGTTACGAAGTTCTTTAGTGAACAACAGAACTCAAGCCAAGGTAGCA
 GAGGAAGTGGGCATGCAAGAGTATGCCATACCAACGACAAAACCAAGAGACCCGTGGCCCTAAGAACCA
 AGACTTTGGCAGACCTTTTGAATCATTATTGCAGCCCTGTACATCGACAAGGACTTGGAAATCGTCCA
 TACTTTTATGAACGTCTGCTTCTTCCAGCTCTGAAGGAGTTCATTCTGAACCAGGACTGGAATGACCCC
 AAGTCGCAGCTGCAGCAGTGTGCTGACCCCTGAGGACTGAAGGGAAAGAACCAGACATCCCCTGTACA
 AGACTCTGCAGACAGTGGGGCCGTCCCACGCTAGAACCTACACGGTGGCCGTTTACTTCAAAGGAGAGAG
 GATAGGCTGTGGGAAAGGACCAAGTATTCAGCAGGCCGAAATGGGAGCAGCAATGGACGCACTTGAGAAA
 TATAACTTTCCCAGATGGCTCATCAGAAGCGGTTTATTGAACGGAAATACAGACAAGAGTTAAAGGAAA
 TGAGGTGGGAAAGAGAGCATCAGGAGAGAGACCCGGATGAGGCTGAAGACATAAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001107655

Insert Size:

4122 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:	<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:	<u>NM_001107655.2</u> , <u>NP_001101125.2</u>
RefSeq Size:	4479 bp
RefSeq ORF:	4122 bp
Locus ID:	310159
Cytogenetics:	2q16