

Product datasheet for **MC229411**

Dhx34 (NM_001285932) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dhx34 (NM_001285932) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dhx34
Synonyms: 1200013B07Rik; 1810012L18Rik; Ddx34; mKIAA0134
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229411 representing NM_001285932
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCCTCCAGGACAAGGGAGGGGAGGGGTCACCGAGACCGAGACCACCATCGAGCTCCAGGGAGG
 AAGAGGCCCGGAGAAAATGGGACTGGAATTGTCCAGAGACTCGTTGTCTTTGGAAGATGTATTCTCCG
 CGATGAGGATTATATCCGTCGTGGTTTCAGAGGAGTGTGAGAAGTCTGGGCTTTCTTTGAACGCCTGCAG
 AGATCCAGCACCTCAAGACCTCCAGAAGAAGGAGAAGGACCCCTGGCATGCCAAACATGGCATCGCTG
 CTTTAGCTGACCTACCTCTCACTTACGACCCACGCTACCGCATCAACCTCTCCATTCTCAGCCCAGACAC
 TCGGGGTGTCATGGGCCCGGCAGGGGGCTGCCGCCGAGAGAGTGTCCGAGTTCGCCCGTGCATTGCTT
 CACTACCTAGACTTCAGCAGAAGCAGGCTTTTGGGAGGCTCGTCAAACCTGCAGCGTGAGCGAGCGGCAC
 TTCCATCGCCAGTATGGGAACCGCATCCTGCAGACTCTCAAGGAACACCAGGTGGTGGTGGTGGCCGG
 GGACACAGGCTGTGGCAAGTCTACTCAGGTGCCCGACTTGTGGCCCGCGCTTCAGTCACGTGGCA
 TGCACTCAGCCCCGAGAATCGCCTGCATCTCACTGGCCAAGCGGTTGGCTTCGAGAGCCTCAGTCAGT
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 GACGGTGGGGCTGCTCCTACGCCAGATCCAGCGTGAGCCAGCCTGCCCGAGTACCAGGTCTGATCGTG
 GACGAGGTCCACGAGCGACACCTGCACAATGACTTCTGCTGGGTGCTCCTGCAGCGCCTGCTGCCCCAGC
 GGCTGACCTCAAGGTCACTCATGTCCGCCACCATCAACATCTCTCTTTCTCCAGCTACTTCAGCCA
 TGCTCCGGTGGTGCAGGTGCCTGGGAGGCTCTTCCCATCACGGTAGTCTACCAGCCGAGGAGGCAGAC
 CAGACAGCATCAAGTCAGAGAAGCTGGACCCACGGCCCTTCTGAGGGTGTGGAGGCCATCGACAATA
 AGTATCCCCCGAGGAGCGGGGGACCTTCTTGTCTTCTCAGTGGCATGGCGGAGATCACCACGGTGT
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 TTGCCGAGACCTCAGTCAGATCGATGGATCCGCTTCTGTTGGATTCTGGGAAGGTGAAGGAGATGAG
 CTACGACCACAGGCCAACTGCAGCGGCTGCAGGAATCTGGATCAGCCAGGCCAGTGTGAGCAGCGC
 AAGGGCCGAGCGGGCCGACGGGCCCGGGCTGCTACCGTCTCTATGCCGAGTCTGACTATGATGCTT



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TTGCGCCGTACCCAGTCCCGGAAATCCGCAGGGTGGCCCTGGATGCACTGGTGCTTCAGATGAAGAGTAT
GAGTGTGGGGGACCCACGCACCTTCCCCTTCATCGAGCCCCCTCCACCTGCCAGCGTGAAACCGCTATC
CTCTATCTCCAAGAGCAGGGGGCCCTGGACAGCTCGGAGGCCCTCACCCCATCGGGTCCCTGCTGGCCC
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GCCACTGCCCGGAGACCCTGGAAAGTGACCAGGGTACCCTTACACTCTTCAATGTCTCAATGCCT
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CCGGCTGTATGAGATGGCCAACCTGCGGCGCCAGTTCAAGGAGCTGTTGGAGGATCATGGATTGCTGAGT
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CCCACCTGTGCTTTGCCAACAGCCCTGAGGTATTACACACACAGGGGCAGGAGGCTCAGGCCAAGAAG
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CAACAAGCCATACCTGGTGAAGTGCCTCAGAATCCCGGCCCTCCAGTCCCTCCTGCTGTTAGCCGCTCC
ATTGACACCAACGGTACTGCTCCCGCCTGGTGGCTGACGGTTGGCTAGAGCTGCAGCTCGCAGATAGCG
AGAGTGCCGTCGGCTCCTGGCAACATCCCTGCGGCTCCGTGTCCACTGGGAAAGTGCCTGGACCCGCA
GCTGGCCCCCAGGCCACGCAGGAAGCTAGAGCAGGAGGAAGACATGGGGTCTCCAGCAGTACGCCCC
CAGGAGGTGGCTGCTCTGAGCAGGGAGCTGCTGCAGTTTCAAGTGGCCAAAGTTCCCTACCGCTCCGAA
GGCTCACTGGTCTAGAAGCCAGAACCTCTACGTGGGACCCACAGACCATCAGACCGCCCTAGTCTGCC
CGGCTCTTTGGAAATTCTACCCTGTCTCCACACCCACCAAGGGGGGCTACGCTGTCTGATTATCTC
ACCTACAAGTGCCTCAGAGTGACACTGACCTGTACAGTACTGTCTGCGTTCTTCTGGACCTGCCAC
ACTGTGGCTGCACATGCCCTTACACCCTTGGAGCGCATTGCTCATGAGAACACCTGCCCTGAGGCGCC
AGGCGATGATCCAGGGTCTGAGGAGGCTGCTCCTGCACCACAGAAAGACATCAGCCCTGCAGAGGCC
TACCACTGCCAGGTGTGCGGGCAGGACTTCTCTTTACCCCAACTGAGGTAAGACATCGAAGGCAGC
ATGCTGA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001285932
- Insert Size:** 3438 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: [NM_001285932.1](#), [NP_001272861.1](#)

RefSeq Size: 4076 bp

RefSeq ORF: 3438 bp

Locus ID: 71723

UniProt ID: [Q9DBV3](#)

Cytogenetics: 7 A2

Gene Summary: Probable ATP-binding RNA helicase.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.