

Product datasheet for MC229410

Dhx34 (NM_001285931) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dhx34 (NM_001285931) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dhx34
Synonyms:	1200013B07Rik; 1810012L18Rik; Ddx34; mKIAA0134
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC229410 representing NM_001285931 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTCTCCAGGACAAGGGAGGGGAGGGGTACCGAGACCGAGACCACCATCGAGCTCCAGGGAGG
AAGAGGCCCCGGAGAAATGGGACTGGAATTGTCCAGAGACTCGTTGTCTTTGGAAGATGTATTCTTCCG
CGATGAGGATTATATCCGTCGTGGTTGAGAGGAGTGTGAGAAGTTCTGGGCTTTCTTTGAACGCCTGCAG
AGATTCCAGCACCTCAAGACCTCCAGAAGAAGGAGAAGGACCCTGGCATGCCAAACATGGCATCGCTG
CTTTAGCTGACCTACCTCTCACTTACGACCCACGCTACCGCATCAACCTCTCCATTCTCAGCCAGACAC
TCGGGGTCGTGATGGGCCCGGCAGGGGGCTGCCGCCGAGAGAGTGTCCGAGTTCCGCCGTGCATTGCTT
CACTACCTAGACTTCCAGCAGAAGCAGGCTTTTGGGAGGCTCGTCAAACCTGCAGCGTGAGCGAGCGGCAC
TTCCCATCGCCAGTATGGGAACCGCATCTGCAGACTCTCAAGGAACACCAGGTGGTGGTGGTGGCCGG
GGACACAGGCTGTGGCAAGTCTACTCAGGTGCCCACTTGTGGCCGCCGGCTTCAGTCACGTGGCA
TGCACTCAGCCCCGAGAATCGCTGCATCTCACTGGCCAAGCGCGTTGGCTTCGAGAGCCTCAGTCAGT
ATGGCTCCAGGTTGGCTACCAGATCCGCTTTGAAAGCACTCGGTCCGCGGCCACCAAGATCGTGTTCCT
GACGGTGGGGCTGCTCCTACGCCAGATCCAGCGTGAGCCAGCCTGCCCACTACAGGTCCTGATCGTG
GACGAGGTCCAGAGCGACACCTGCACAATGACTTCTGCTGGGTGCTCCTGCAGCGCTGCTGCCCGAGC
GGCCTGACCTCAAGGTCACTCCTCATGTGCGCCACCATCAACATCTCTCTTCTCCAGCTACTTCAGCCA
TGCTCCGGTGGTGCAGGTGCCTGGGAGGCTCTTCCCCATCACGGTAGTCTACCAGCCGAGGAGGCAGAC
CAGACAGCATCCAAGTCAGAGAAGCTGGACCCACGGCCCTTCTGAGGTGCTGGAGGCCATCGACAATA
AGTATCCCCCGAGGAGCGGGGGACCTTCTTGTCTTCTCAGTGGCATGGCGGAGATCACACGGTGCT
GGACGCGAGCCAGGCTTATGCCAGCCTCACCCAGCGCTGGGTGGTGTGCTGCCGCTGCACAGCGCCCTCTCT
GTGTCTGACCAGGACAAGGTGTTTCGATGTGGCTCCAGCTGGAGTCCGGAAGTGCATCCTGTCCACCAACA
TTGCCGAGACCTCAGTCACGATCGATGGCATCCGCTTCGTGGTGGATTCTGGGAAGTGAAGGAGATGAG
CTACGACCCAGGCCAACTGCAGCGCTGCAGGAATTCGTGGATCAGCCAGGCCAGTGTGAGCAGCGC



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AAGGGCCGAGCGGGCCGACGGGCCCCGGCGTCTGCTACCGTCTCTATGCCGAGTCTGACTATGATGCCT
 TTGCGCCGTACCCAGTCCCGGAAATCCGCAGGGTGGCCCTGGATGCACTGGTCTCAGATGAAGAGTAT
 GAGTGTGGGGGACCCACGCACCTTCCCTTTCATCGAGCCCCCTCCACCTGCCAGCGTGGAACCGCTATC
 CTCTATCTCCAAGAGCAGGGGGCCCTGGACAGCTCGGAGGCCCTCACCCCATCGGGTCCCTGCTGGCCC
 AGCTGCCTGTAGATGTTGTAATTGGGAAGATGCTGATCCTCGGCTCCATGTTGAGCTGGCAGAGCCTGT
 GCTCACCATTGCTGCTGCCCTCAGCGTCCAGTCACCATTACCCGCGAGTGCCAGAGCAACCTGGACTGT
 GCCACTGCCCGGAGACCCTGGAAGTGACCAGGGTGACCCCTTACACTCTTCAATGTCTTCAATGCCT
 GGGTGCAGGTGAAGTCTGAGCGGAGCGGAACTCTCGAAAGTGGTGCCGCCGCCGGGTGTGGAGGAGCA
 CCGGCTGTATGAGATGGCCAACCTGCGGCGCCAGTTCAAGGAGCTGTTGGAGGATCATGGATTGCTGAGT
 GGGGCCAGGTAGTGGCCCCAGGGGACAGCTACAGTCGGCTGCAGCAGCGCCGAGAGCGCAGGGCCCTGC
 ACCAGCTGAAGCGACAGCATGAGGAGGGTGGGGGACGAGGCGCAAGGTGCTGAGGCTGCAGGAGGATGG
 CTGCTCCAGCGATGAAGAGGACCGAGAGGGCTCTACCTCCAGAGGGCTGACAGCGTTGACATCCAGGAT
 GTGAAATTCAAGCTTCGGCACAACCTGGAGCAGCTGCAGGCGAGTCCAGCTCAGCCAGGACCTGACCC
 GAGACCAACTGGCCCTGCTCAAGCTGGTCTCGGGCGGGGGCTGTACCCACAGCTGGCTGTGCCCGATGC
 GTTCAACAGTGGCCGCAAGGACTCAGACCAGATTTTCCACACGAGGCCAAGCAGGGCACCGTGCTGCAC
 CCCACCTGTGCTTTGCCAACAGCCCTGAGGTATTACACACAGGGGCAGGAGGCTCAGGCCAAGAAG
 GGAGCCAAGATGGCAGGGACCAATGAGCTGCAAGCATCAGCTGCTGGCCTTCGTCTCCCTACTGGAGAC
 CAACAAGCCATACCTGGTGAAGTGCCTCAGAATCCCGGCCCTCCAGTCCCTCCTGCTGTTGAGCCGCTCC
 ATTGACACCAACGGTGACTGCTCCCGCTGGTGGCTGACGGTTGGCTAGAGCTGCAGCTCGCAGATAGCG
 AGAGTGCCGTCCGGCTCCTGGCAACATCCCTGCGGCTCCGTGTCCACTGGGAAAGTGCCTGGACCGGCA
 GCTGGCCCGCCAGGCCGACGGAAGCTAGAGCAGGAGGAAGACATGGGGTCTCCAGCAGTCAGCCCC
 CAGGAGGTGGCTGCTCTGAGCAGGGAGCTGCTGCAGTTTATGGTGCCCAAGGTTCCCTACCGCTCCGAA
 GGCTCACTGGTCTAGAAGCCAGAACCTCTACGTGGGACCCAGACCATCAGACCGCCCTAGTCTGCC
 CGGCCTCTTTGGAAATTCTACCCTGTCTCCACACCCACCAAGGGGGGCTACGCTGTCTCTGATTATCTC
 ACCTACAAGTGCCTCAGAGTGACACTGACCTGTACAGTACTGTCTGCGTTCTTCTGGACCTGCCAC
 ACTGTGGCTGCACATGCCCTTACACCCCTGGAGCGCATTGCTCATGAGAACCTGCCCTGAGGCGCC
 AGGCGATGATCCAGGTCTGAGGAGGCTGCTCCTGCACCACAGAGACATCAGCCCTGCAGAGGCC
 TACCACTGCCAGGTGTGCGGCAGGACTTCCTCTTACCCCACTGAGGTACTAAGACATCGAAGGCAGC
 ATGTCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001285931
- 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001285931.1, NP_001272860.1

RefSeq Size: 4310 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 (1) represents the longest transcript. 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.