

## Product datasheet for **MC219529**

### **Ddx55 (NM\_026409) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx55 (NM_026409) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx55
Synonyms:	2810021H22Rik; mKIAA1595
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219529 representing NM\_026409  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCACGTGACGGAGGGTGCCTGGGAGTCGCTGCAGGTGCCGCTGCACCCTCGGGTGCCTGGTGCAC  
 TGC GCGAGTTGGGCTTCCCGCACATGACGCCGGTGCAGTCTGCCACCATCCCTCTGTTTCATGAAAAACAA  
 AGATGTTGCCGAGAGGCTGTGACAGGTAGTGGGAAAACCTGGCTTTTGTATCCCCATTCTGGAGATT  
 CTTCTGAGAAGGGAGGAGAAGTTAAAGAAGAACCAGGTAGGAGCCATCGTCATCACCCCGACTCGCGAGC  
 TGGCCATTGAGATTGATGAAGTCTGTACACTTACGAAGCACTTTCGCGAGTTCAGCCAGATTTTGTG  
 GATTGGAGGCCGGAACCTGGAGAAGATGTGGAGAGGTTCAAGCAGCACGGTGGGAACATCATTGTGGCA  
 ACCCTGGGCGCTGGAGGACATGTTCCGGAGGAAGGCTGAGGGTCTGGACCTGGCCAGCTGTGTGAAGA  
 GCTTGGATGTGCTGGTGTGGACGAGGCAGACAGACTGCTCGACATGGGCTTTGAGGCAAGCATAAACAC  
 AATCCTGGAGTTTTGCCAAAGCAGAGAAGAACAGGCCTTCTCAGCCACGCAGACACAGGAAGTGGAG  
 AACTTAGTGCGAGCAGGCCTCCGGAACCTGTCCGAATCTCTGTGAAGGAGAAGGGTGTGGCAGCCAGCA  
 GTACCCAGAAGACCCCGTCCCGCCTGGAGAACCACTATATGATCTGTAAGGCAGATGAGAAATCAACCA  
 GCTGGTCCATTTCTTCGGAGCCGTGACGAGGAGAAGCACCTGGTCTTCTCAGCACGTGTGCGTGTGTG  
 GAATACTATGGGAAGGCCCTGGAGGCGCTGTTGAAGAAAGTGAAGATCCTGTGCATCCACGGGAAGATGA  
 AGTACAAGCGCAATAAGATCTTCATGGAGTCCGCAAGCTGCAGAGTGGGATCCTGGTGTGCACTGACGT  
 GATGGCCCGGGGAATTGATATCCCGAAGTAACTGGGTTTTGCAGTATGACCCTCCAGCAATGCCAGT  
 GCCTTCGTGCATCGATGTGGACGCACAGCCCGCATTGGCCACGGTGGCAGTGCCTGGTGTCTCTGCTGC  
 CCATGGAGGAGGCTACATCAACTTCTTGCCATCAACCAGAAATGCCCCCTGCAGGAGATGAGCCTCCA  
 GAGAAACACCATAGACCTTCTGCCGAAGCTCCGGGCCATGGCTCTGGCTGACAGAGCTGTGTTGAGAAAG  
 GGATGAAAGCCTTTGTGCTCTTTGTGAGGCTTATGCGAAGCACGAGTGCAGCCTCATCTTCCGGCTGA  
 AGGATCTTGACTTTGCCGGGCTTGTGAGGCTTTGCCCTGCTCAGGATGCCAGGATGCCAGAGCTAAG  
 GGGGAAGCAGTTTCTGACTTTGTACCAGTGGACATCGATACCGACACCATTCATTTAAAGATAAAATT  
 AGAGAAAAACAGAGGCAGAACTTCTGGAACAAAAAGAAAAGAGAGGTGAGAAATGAAGGGAGGAAAA  
 AATTTCATAAAAATAAGCTTGGTGAAGCAGAAAGGCCAAAAAGGAAAGGAAGAAGATGAATGCAAA  
 GAGGAAGAAGGATGAGGGTTCTGATATTGACGATGAAGACATGGAGGAACCTTAATGATACAAGGCTC  
 TTGAAGAAATTTAAAAAGGTAAATCACAGAAGAAGATTTGAGAAGGGGCTGTTGACAAGTGCCAAAA  
 GGACAGTCCAGCTGACAGATTTAGGTGTCTCAGACTTGAAGAGGACAGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_026409
- Insert Size:** 1803 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).
- 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\\_026409.4](#), [NP\\_080685.2](#)

**RefSeq Size:** 2818 bp

**RefSeq ORF:** 1803 bp

**Locus ID:** 67848

**UniProt ID:** [Q6ZPL9](#)

**Cytogenetics:** 5 F

**Gene Summary:** Probable ATP-binding RNA helicase.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).