

Product datasheet for **MC219530**

Ddx55 (NM_001190795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx55 (NM_001190795) 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: >MC219530 representing NM_001190795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCACGTGACGGAGGGTGCCTGGGAGTCGCTGCAGGTGCCGCTGCACCCTCGGGTGCCTCGGTGCAC
 TGC GCGAGTTGGCTTCCCGCACATGACGCCGGTGCAGTCTGCCACCATCCCTCTGTTTCATGAAAAACAA
 AGATGTTGCCGAGAGGCTGTGACAGGTAGTGGAAAAACCTGGCTTTTGTATCCCCATTCTGGAGATT
 CTTCTGAGAAGGGAGGAGAAGTTAAAGAAGAACCAGGTAGGAGCCATCGTCATCACCCCGACTCGCGAGC
 TGGCCATTAGATTGATGAAGTCTGTACACTTACGAAGCACTTCCGAGTTTCAGCCAGATTTTGTG
 GATTGGAGGCCGGAACCTGGAGAAGATGTGGAGAGGTTCAAGCAGCACGGTGGGAACATCATTGTGGCA
 ACCCTGGGCGCTGGAGGACATGTTCCGGAGGAAGGCTGAGGGTCTGGACCTGGCCAGCTGTGTGAAGA
 GCTTGGATGTGCTGGTGTGGACGAGGCAGACAGACTGCTCGACATGGGCTTTGAGGCAAGCATAAACAC
 AATCCTGGAGTTTTGCCAAAGCAGAGAAGAACAGGCCTTCTCAGCCACGCAGACACAGGAAGTGGAG
 AACTTAGTGCGAGCAGGCCCTCCGGAACCTGTCCGAATCTCTGTGAAGGAGAAGGGTGTGGCAGCCAGCA
 GTACCCAGAAGACCCCGTCCCGCCTGGAGAACCACTATATGATCTGTAAGGCAGATGAGAAATCAACCA
 GCTGGTCCATTTCTTCGGAGCCGTGACGAGGAGAAGCACCTGGTCTTCTTCAGCACGTGTGCGTGTGTG
 GAATACTATGGGAAGGCCCTGGAGGCGCTGTTGAAGAAAGTGAAGATCCTGTGCATCCACGGGAAGATGA
 AGTACAAGCGCAATAAGATCTTCATGGAGTCCGCAAGCTGCAGAGTGGGATCCTGGTGTGCACTGACGT
 GATGGCCCGGGGAATTGATATCCCGAAGTAACTGGGTTTTGCAGTATGACCCTCCAGCAATGCCAGT
 CCATGGAGGAGGCTACATCAACTTCTGGCCATCAACCAGAAAGAGATGAGCCTCCAGAGAAACACCAT
 AGACCTTCTGCCGAAGCTCCGGCCATGGCTCTGGCTGACAGAGCTGTGTTTCGAGAAGGGCATGAAAGCC
 TTTGTGCTCTTTGTGAGGCTTATGCGAAGCACAGTGCAGCCTCATCTTCCGGCTGAAGGATCTTGACT
 TTGCCGGCTTGCTCGAGGCTTTGCCCTGCTCAGGATGCCAGGATGCCAGAGCTAAGGGGGAAGCAGTT
 TCCTGACTTTGTACAGTGGACATCGATACCGACACCATTCATTTAAAGATAAAAATTAGAGAAAAACAG
 AGGCAGAACTTCTGGAACAAAAAGAAAAGAGAGGTGAGAAAATGAAGGGAGGAAAAAATTCATCAAAA
 AATAAGCTTGGTGAAGCAGAAGGCCAAAAAGGAAAGGAAGAAGAAGATGAATGCAAAGAGGAAGAAGGA
 TGAGGGTTCTGATATTGACGATGAAGACATGGAGGAACCTTAATGATACAAGGCTCTTGAAGAAATTT
 AAAAAAGGTAATCACAGAAGAAGATTTGAGAAGGGCTGTTGACAAGTGCCAAAAGGACAGTCCAGC
 TGACAGATTTAGGTGTCTCAGACTTGAAGAGGACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001190795
- Insert Size:** 1791 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_001190795.1](#), [NP_001177724.1](#)

RefSeq Size: 2806 bp

RefSeq ORF: 1791 bp

Locus ID: 67848

Cytogenetics: 5 F

Gene Summary: Probable ATP-binding RNA helicase.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.