

## Product datasheet for **MR210663**

### **Hid1 (NM\_175454) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hid1 (NM_175454) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hid1
Synonyms:	C630004H02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR210663 representing NM\_175454  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGATCCGAGACTCCAAGCTGAACCTCCGGAAGCGGTGATCCAGCTGACCACCAAGACGCAGCCCC  
 TGGAAAGCCACCGACAATGCTTTCTGGGACCAGTTCTGGGCAGACACCGCTACCTCGGTGCAGGATGTCTT  
 TGCGTTGGTGCCCGCAGCAGAGATCCGGCTGTGCGAGAGGAGTACCCTCTAACCTGGCCACGCTGTGC  
 TACAAGGCTGTGGAGAAGCTGGTCAAGGAGCAGAGGGTGGCTGCCACTCTGAGAAGGAGAAACAGGTGC  
 TCCTGAACTGCAGCCGGCTACTCACCCGAGTGTGCCTTACATCTTCGAGGACCCCGACTGGAGGGGCTT  
 CTTCTGGTCCACAGTGCCCGGGCAGGGCGTGGAGGGCAGGGTGAAGGAGGATGAGAACGCTCGTCCC  
 TTGGCTGAGTCTTGCTCCTGGCATTGCCGATTTGCTCTTCTGCCAGACTTCACTGTGCAGAACCACC  
 GGAGGAACGACGTGGACTCAGCAGAAGATGTCCATTCCCTGGACAGCTGTGAATATATCTGGGAGGCTGG  
 TGTGGGCTTTGCTCATTCCACAGCCCAACTACATCCATGACATGAACCGGATGGAGCTGTGAAGTTA  
 CTGCTCAGTGCTTCTCAGAGGCCATGTACCTGCCCCATCTCCAGAGAGTGGCAGCACCAACCCCTGGG  
 TTCAGTCTTTTGTCCACGGAGAACAGACACGCGCTGCCCTCTTCACTTCACTCCTCAACACCGTGTG  
 TGCCATGACCCTGTGGGCTACGGGATCCCTACAACCACCTGCTCTTCTCGACTACCGGGAGCCCTG  
 GTGGAGGAGGCTGCTCAGGTGCTATTGTACCTTGGACCATGACAGTGTACCAGCACCAGCCCCACCG  
 TGGACGGCACCACCAGGGCACAGCTATGGATGATGCTGATCCTCCAGGGCCCGAGAACCTGTTTGTGAA  
 CTACCTGTCCGAATTCATCGTGAGGAGGACTTCCAGTTCATCCTCAAGGGGATCGCTCGGCTGTGTCC  
 AATCCCCTGCTCCAGACCTACCTTCCCAACTCCACCAAGAAGATCCAGTTTACCAGGAGTTGCTGTTC  
 TCTTCTGGAAACTCTGTGACTTCAACAAGAAATTCCTCTTCTTTGTAAGAGCAGTGCAGTGTGGA  
 TATCCTGGTTCTATCCTCTATTTTCTCAACGACGCCCGGGCAGATCAATCTCGGGTGGGCTTGATGCAC  
 ATCGGGGTCTTATCCTGCTGCTCCTGAGTGGGAGAGGAACTTTGGGTACGGTGAACAAGCCCTACT  
 CAGTGCGCGTGCCATGGACATCCCGTCTTACAGGCACACATGCAGATTTGCTCATTGTGGTATTCCA  
 CAAAATCATCACCAGCGGTATCAGCGTTGCAACCCCTCTTCGACTGCCTGCTCACCATTGTGGTCAAC  
 GTGTCTCCCTACCTCAAGAGCCTGTCCATGGTACTGCCAACAAGCTCCTGCATGCTCGAGGCCCTTCT  
 CGACCACCTGGTTCCTCTTCTCGGCATCTCAGAACCACCATCTGGTCTTCTTCTTCTGGAGGTCTTCAA  
 CAACATTATCCAGTACCAGTTTGTGGCAATCCAACCTGGTCTATGCCATCATCCGTAACCTGCGGTC  
 TTCCACCAGCTGGCCAACTGCCACTGACCCACCTCCATCCACAAGGCACTTACGCGCGGGCGGAGGA  
 CACCAGAGCCCTGTCCGTAAGTGGTCCAGGAGGGAACGTCCATGGAGGGATCCCGCCCTGCTGCCCC  
 TGCAGAACCAGGCACCTTAAGACTAGCCTGGTGGCCACTCCAGGCATCGACAAGCTGACAGAGAAATCC  
 CAGGTATCAGAGGACGGCACCTTGGAGTCTTAGAGCCCGAATCCAGCAAGGCTCAGCAGAAAACAGCC  
 CATCTGATGGGGAGTCCAGCCAAACATGGAGAGAGCAACGGAGATTGTCCAATGCATCAGCCAGTGGCCA  
 GTGGAGCCCAACATCAGATTGGATCTTGTCTTGGAAAGTCAAAGCTGCCGCTGCAGACCATCATGCGCCTG  
 CTGAGGTCTGGTTCCTCAGGTGGAGAAGATGTCATTGACAAGGGTCTGACGGATGAGTCTGAGATCC  
 TGAGATTCTGCAGCACGGTACCCTAGTGGGCTTCTGCCTGTGCCCCACCCATCCTTATCCGAAAGTA  
 CCAGGCCAACTCGGGGACTGCCATGTGGTCCGTACCTACATGTGGGGCGTTATCTATTTGAGGAATGTG  
 GACCCACCTATCTGGTATGACACTGACGTGAAGCTGTTTGAGATCCAGCGGGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR210663 representing NM\_175454  
Red=Cloning site Green=Tags(s)

MGSADSKLNFRKAVIQLTTKTQPVEATDQFADWADTATSVQDVFALVPAAEIRAVREESPSNLATLC  
YKAVEKLVQGAEGGCHSEKEKQVVLNCSRLLTRVLPYIFEDPDWRGFFWSTVPGAGRGGQGEEDENARP  
LAESLLLAIAADLLFCPDFTVQNHRRNDVDSAEDVHSLDSCEYIWEAGVGFHSPQPNYIHDNMRMELLKL  
LLTCFSEAMYLPPSPESGSTNPWVQFFCSTENRHLPFTSLLNTVCAYDPVGYGIPYNHLLFSDYREPL  
VEEAAQVLIVTLDHDSATSTPTVDGTTTGTAMDDADPPGPENL FVNYLSRIHREEDFQFILKGIARLLS  
NPLLQTYLPNSTKKIQFHQELLVLFWKLCDFNKKFLFFVLKSSDVL DILVPILYFLNDARADQSRVGLMH  
IGVFILLLLSGERNFGVRLNKPYSVRVPM DIPVFTGTHADLLIVVFHKIITSGHQRLQPLFDCLLTIVVN  
VSPYLKSLSMVTANKLLHLLLEAFSTTWFLFSASQNHHLVFFLLEVFNNIIQYQFDGNSNLVYAIIRKRAV  
FHQLANLPTDPPSIHKALQRRRRTPPEPLSRTGSQEGTSMEGSRPAAPAEPGTLKTSLVATPGIDKLTEKS  
QVSEDGTLRSLEPESQSSAENSPSDGESSQTWREQRRLSNASASGQWSPTSDWILSWKSKLPLQTIMRL  
LQVLVPQVEKICIDKGLTDESEILRFLQHGTLVGLLPVPHPI LIRKYQANS GTAMWFRTYMWGVIYLRNV  
DPPIWYD TDVKLFEIQRV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9040\\_c03.zip](https://cdn.origene.com/chromatograms/mm9040_c03.zip)

**Restriction Sites:** Sgfl-Mlul

## Cloning Scheme:



**ACCN:** NM\_175454

**ORF Size:** 2364 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_175454.2](#), [NP\\_780663.1](#)

**RefSeq Size:** 3237 bp

**RefSeq ORF:** 2367 bp

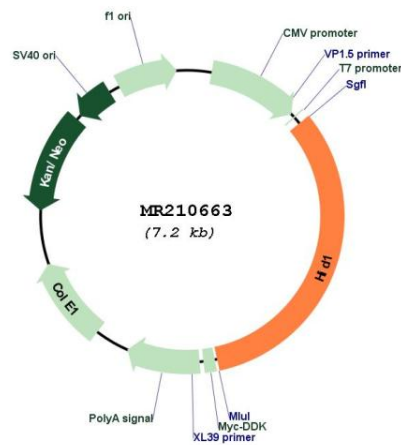
**Locus ID:** 217310

**UniProt ID:** [Q8R1F6](#)

**Cytogenetics:** 11 E2

**MW:** 89.2 kDa

**Product images:**



Circular map for MR210663