

Product datasheet for **MG210663**

Hid1 (NM_175454) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hid1 (NM_175454) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hid1
Synonyms:	C630004H02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG210663 representing NM_175454
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGATCCGCACTCCAAGCTGAACCTCCGGAAGCGGTGATCCAGCTGACCACCAAGACGCAGCCCC
 TGGAAAGCCACCGACAATGCTTTCTGGGACCAGTTCTGGGCAGACACCGCTACCTCGGTGCAGGATGTCTT
 TGCGTTGGTGCCCGCAGCAGAGATCCGGCTGTGCGAGAGGAGTACCCTCTAACCTGGCCACGCTGTGC
 TACAAGGCTGTGGAGAAGCTGGTCAAGGAGCAGAGGGTGGCTGCCACTCTGAGAAGGAGAAACAGGTGC
 TCCTGAACTGCAGCCGGCTACTCACCCGAGTGTGCCTTACATCTTCGAGGACCTGACTGGAGGGGCTT
 CTTCTGGTCCACAGTGCCCGGGCAGGGCGTGGAGGGCAGGGTGAAGGAGGATGAGAACGCTCGTCCC
 TTGGCTGAGTCTTGCTCCTGGCATTGCCGATTTGCTCTTCTGCCAGACTTCACTGTGCAGAACCACC
 GGAGGAACGACGTGGACTCAGCAGAAGATGTCCATTCCCTGGACAGCTGTGAATATATCTGGGAGGCTGG
 TGTGGGCTTTGCTCATTCCACAGCCCAACTACATCCATGACATGAACCGGATGGAGCTGTGAAGTTA
 CTGCTCAGTGTCTCTCAGAGGCCATGTACCTGCCCCATCTCCAGAGAGTGGCAGCACCAACCCCTGGG
 TTCAGTCTTTTGTCCACGGAGAACAGACACGCGCTGCCCTCTTCACTTCACTCCTCAACACCGTGTG
 TGCCATGACCCTGTGGGCTACGGGATCCCCTACAACCACCTGCTCTTCTCGACTACCGGGAGCCCTG
 GTGGAGGAGGCTGCTCAGGTGCTATTGTACCTTGGACCATGACAGTGTACCAGCACCAGCCCCACCG
 TGGACGGCACCACCAGGGCACAGCTATGGATGATGCTGATCCTCCAGGGCCCGAGAACCTGTTTGTGAA
 CTACCTGTCCGAATTCATCGTGAGGAGGACTTCCAGTTCATCCTCAAGGGGATCGCTCGGCTGTGTCC
 AATCCCCTGCTCCAGACCTACCTTCCCAACTCCACCAAGAAGATCCAGTTTACCAGGAGTTGCTGTTC
 TCTTCTGGAAACTCTGTGACTTCAACAAGAAATTCCTCTTCTTTGTAAGAGCAGTGCAGTGTGGA
 TATCCTGGTTCTATCCTCTATTTTCTCAACGACGCCCCGGGCAGATCAATCTCGGGTGGGCTTGATGCAC
 ATCGGGGTCTTATCCTGCTGCTCCTGAGTGGGAGAGGAACTTTGGGTACGGTGAACAAGCCCTACT
 CAGTGCAGTGCATGGACATCCCGTCTTACAGGCACACATGCAGATTTGCTCATTGTGGTATTCCA
 CAAAATCATCACCAGCGGTATCAGCGTTGCAACCCCTCTTCGACTGCCTGCTCACCATTGTGGTCAAC
 GTGTCTCCCTACCTCAAGAGCCTGTCCATGGTACTGCCAACAAGCTCCTGCATGCTCGAGGCCCTTCT
 CGACCACCTGGTCTCTCTCGGCATCTCAGAACCACCATCTGGTCTTCTTCTCTGGAGGTCTTCAA
 CAACATTATCCAGTACCAGTTTGTGGCAATCCAACCTGGTCTATGCCATCATCCGTAACCGTGGGTC
 TTCCACCAGCTGGCAACCTGCCACTGACCCACCTCCATCCACAAGGCACTGCAGCGCGGGCGGAGGA
 CGCCGGAGCCCTGTCCGTAAGTGGTCCAGGAGGGAACGTCCATGGAGGGATCCCGCCCTGCTGCCCC
 TGCAGAACCAGGCACTCTAAGACTAGCCTGGTGGCACTCCAGGCATCGACAAGCTGACAGAGAAATCC
 CAGGTATCAGAGGACGGCACCTTGGAGTCTTAGAGCCCGAATCCAGCAAGGCTCAGCAGAAAACAGCC
 CATCTGATGGGGAGTCCAGCCAAACATGGAGAGAGCAACGGAGATTGTCCAATGCATCAGCCAGTGGCCA
 GTGGAGCCCAACATCAGATTGGATCTTGTCTGGAAGTCAAAGCTGCCGCTGCAGACCATCATGCGCCTG
 CTGAGGTCTGGTCCCGAGGTGGAGAAGATGCATTGACAAGGCTGACGGATGAGTCTGAGATCC
 TGAGATTCTGCAGCACGGTACCCTAGTGGGCTTCTGCCTGTGCCCCACCCATCCTTATCCGAAAGTA
 CCAGGCGAACTCGGGACTGCCATGTGGTCCGTACCTACATGTGGGGCTTATCTATTTGAGGAATGTG
 GACCCACCTATCTGGTATGACACTGACGTGAAGCTGTTTGAGATCCAGCGGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

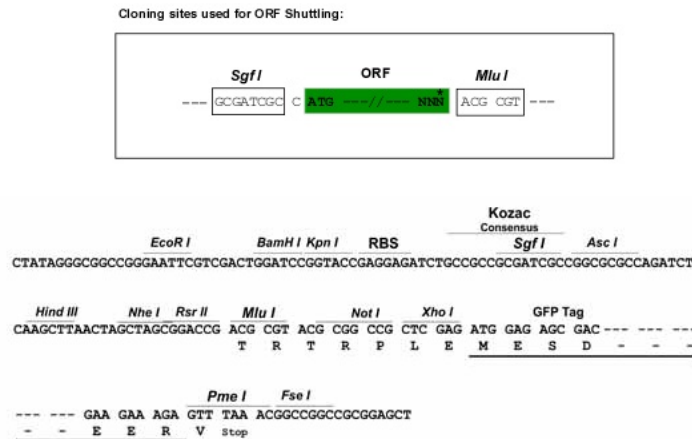
Protein Sequence: >MG210663 representing NM_175454
Red=Cloning site Green=Tags(s)

MGSADSKLNFRKAVIQLTTKTQPVEATDNADFWDQFWADTATSVQDVFALVPAAEIRAVREESPSNLATLC
 YKAVEKLVQGAEGGCHSEKEKQVVLNCSRLLTRVLPYIFEDPDWRGFFWSTVPGAGRGGQEEEDENARP
 LAESLLLAIADLLFCPDFTVQNHRRNDVDSAEDVHSLDSCEYIWEAGVFAHSPQPNYIHDNMRELLKL
 LLTCFSEAMYLPPSPESGSTNPWWQFFCSTENRHALPLFTSLLNTVCAYDPVGYGIPYNHLLFSDYREPL
 VEEAAQVLIVTLDHDSATSTSPYVDGTTTGTAMDDADPPGPNLNFVNYLSRIHREEDFQFILKGIARLLS
 NPLLQTYLPNSTKKIQFHQELLVLFWKLDFNKKFLFFVLKSSDVLDPILYFLNDARADQSRVGLMH
 IGVFILLLLSGERNFGVRLNKPYSVRVPMIPVFTGTHADLLIVVFHKIITSGHQRLQPLDFCLLTIIVN
 VSPYLKLSMVTANKLLHLEAFSTTWLFSASQNHHLVFFLLEVFNNIIQYQFDGNSNLVYAIIRKRAV
 FHQLANLPTDPPSIHKALQRRRTPEPLSRTGSQEGTSMEGSRPAAPAEPGTLKTSLVATPGIDKLTEKS
 QVSEDGTLRSLEPESQQSSAENSPSDGESSQTWREQRRLSNASASGQWSPTSDWILSWKSKLPLQTIMRL
 LQVLVPQVEKICIDKGLTDESEILRFLQHGTLVGLLPVPHPIRKYQANSGMTAMWFRTYMWGVIYLRNV
 DPPIWYDTDVKLFEIQRV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



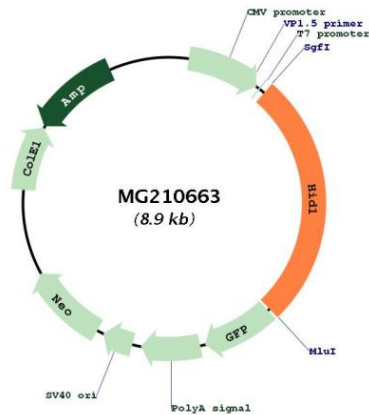
ACCN: NM_175454

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:	<ol style="list-style-type: none"> 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:	<u>NM_175454.2, NP_780663.1</u>
RefSeq Size:	3237 bp
RefSeq ORF:	2367 bp
Locus ID:	217310
UniProt ID:	<u>Q8R1F6</u>
Cytogenetics:	11 E2

Product images:


Circular map for MG210663