

Product datasheet for **MG220538**

Hddc3 (NM_026812) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hddc3 (NM_026812) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Hddc3
Synonyms: 1110033O09Rik; C86475; MESH1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220538 representing NM_026812
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTCGGAGGCAGCTCAGCTGCTGGAGGCTGCTGACTTCGCCGCTCACAACACCGACAGCAGCGAC
GAAAAGATCCTGAAGGGACTCCCTACATTAATCACCCATCGGTGTAGCCCGGATCCTAACCCATGAGGC
TGGAACTACTGATATTGGTGTACAGGCCGCCCTGCTCCATGACACAGTAGAAGACACAGATACTACC
CTGGATGAGGTAGAGCTCACTTTGGAGCACAGGTTTCGACGCTTGGTGGAGGAGGTAACAGATGACAAGA
CTCTGCCCAAAC TGAAAGAAAGCGGCAACAGGTGGAGCAGGCACCACACAGCAGCCAGGGCCAAACT
GGTGAAGCTGGCAGACAAGCTATACAATCTGAGGGACCTGAATCGCTGCACCCCTACAGGATGGTCAGAA
CACCGAGTCCAGGAGTACTTCGAGTGGGAGCCAGGTGGTAAAAGGGCTTCAAGGGACAAACCAGCAAC
TGGAAAGAGGCACTAAAGCAGCTGTTTCGAGGAGCGAGGGCTGACGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG220538 representing NM_026812
Red=Cloning site Green=Tags(s)

MGSEAAQLLEAADFAAHKHRQRRKDPEGTPYINHPIGVARILTHEAGITDIVVLQAALLHDTVEDTDTT
LDEVELHFGAQVRRLLVEEVTDDKTLPKLERKRQVEQAPHSSPGAKLVKLDKLYNLRDLNRCTPTGWSE
HRVQEYFEWAAQVVKGLQGTNQQLEEALKQLFEERGLTL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_026812.2</u> , <u>NP_081088.1</u>
RefSeq Size:	860 bp
RefSeq ORF:	540 bp
Locus ID:	68695
UniProt ID:	<u>Q9D114</u>
Cytogenetics:	7 D2
Gene Summary:	ppGpp hydrolyzing enzyme involved in starvation response.[UniProtKB/Swiss-Prot Function]