

## Product datasheet for **MC220542**

### Hdx (NM\_001080549) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hdx (NM_001080549) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hdx
Synonyms:	D030011N01Rik; Gm380
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220542 representing NM\_001080549  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCTACGTTCTGTATTTACTGTAGAGCAACAAAGGATTTTACAGCGTTATTATGAAAATGGAATGA  
 CAAATCAAAGTAAAAATTGCTTTTCAGCTCATATTACAGTGTGCACAGGAGACTAAGCTGGACTTCAGTGT  
 AGTCAGGACGTGGGTTGGCAATAAGCGAAGAAAAATGAGTAGTAAAAGCTGTGAATCAGGAGCAGCAGGA  
 ACTGTGTCTGGTACCTCATTGGCAGCGCCAGACATTACAGTCAGAAATGTGGTTAATATTGCCCGCCCTT  
 CAAGCCAGCAATCTTCTGGACTTCTGCCAATAATGATGTCATTGTAAGTGGTATATACAGTCCAGTAAG  
 CTCATCAAGTAAGCAAGGCACTACAAAGCATACAAATACACAAATTACAGAAGCACATAAAATTCCTATT  
 CAGAAGGCAGCCAATAAAAAATGACTGAATTACAATTGCACATTCCTGTTCAAAGACAAGTAGCGCACT  
 GTAAGAATGCTTCTGTGCTCCTAGGGGAAAAGACAATTATTTGTCAAGACAGACAAGTGTACTAAATGC  
 TGGAAACTCAGTGTACAATCACACAAAGAAAAGCTATGGAAGTTCCTCGGTGCAAGCTTCAGAAATGACA  
 GTACCTCAAAGCCATCTGTGTGCCAGCGACCTTGCAAAATTGAACCAAGTTGGGATTCAAAGGTCATATA  
 AACCTGAACATGCAGGTCTGGCATCACATAACTTATGTGGGCAAAAGCCAACCATTAGAGACCCTTGCTG  
 TAGAACACAAAATTGGAATTCGTGAAGTGTTCATTGGCAGTCAGTATTACCTCAGAGAATTCTG  
 GGAGGAAATAGCACACAGAAGCCGGCCTCAGCAGAAGGAAGTGTTCATTGTCATTGCAATGGAGACTGGAG  
 ACGCAGAGGATGAATATGCCAGAGAAGAAGAACTGGCATCAATGGGAGCACAAAATAACAAGCTACTCAAG  
 GTTTTATGAAAGTGGCAATCCCTTCGAGCTGAGAACCAAGTACAAATTTGCCTGGACCAGGAAGAAAC  
 CTGCCAAATTCACAAATGGTGAATATTAGAGATTTGTGACAGCAATGTACTGTATCAGACTAGAGACTACC  
 ATTTGACACCACGGACCTCATTGCATACAGCATCTAGTACTATGTACAGTAATACTAATCCATCACGGAG  
 TAATTTTTCTCCACATTTGTATCATCAAACCAACTGAGGTTATCACAAAACCAAAACAATTACCAGATT  
 TCAGGAAACCTTTCTGTGCCTTGATTACAGGGTGTCTAGGAAAAGAGCACTACAGGACCACACTCAAT  
 TCAGTGACCGAGACTTGCTACTCTTAAGAAGTACTGGGACAATGGTATGACCAGCCTGGGCTCTGTATG  
 TAGAGAGAAGATTGAAGCTGTTGCAATTGAATTAATGTCGACTGTGAAATAGTTCGGACTTGGATTGGG  
 AATCGAAGAAGAAAAACCGTTTAAATGGGAATTGAAGTCCACCTCCAAGAGGAGGCCCTGCTGATTTCT  
 CTGAGCAGCCTGAGTCTGGTCTTTGTCTGCACTCACACCAGGAGAGGAAGCTGGGCTGAAGTAGGAGA  
 GGATAATGACAGAAATGATGAAGTGTCCATCTGTTTGTCCGAAGCAAGCTCTCAAGAGGAGTCCAATGAA  
 CTTATCCCAAATGAGACCAGGGCACATAAGGATGAAGAGCACCAGGCAGTATCTGCAGATAATGTGAAAA  
 TAGAAATTCGATGATGAAGAAAGTACATGATAAGCAATTCGAGGTAGAACAAGAAAATCTCTCCT  
 GGATTACAAGAATGAAGAAAGTACAGATTTATTGAAAATGAGCTAGAGATTCAAAAGCAAAAATACTTTAAG  
 CTCCAGTCTTTTGTAGAAACCTGATTCTCGCTATGAAAGCTGATGATAAAGACCAGCAGCAGGCACTGC  
 TGTGAGATTTACCTCCAGAAATGAAAGAGATGGATTGCAGTATGCCTCGCCGGATCCTGATGATACCTC  
 ACTCAGTGTGCTCTTTATCAGAGAAAAATGCCTCAGACAGCTTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001080549
- Insert Size:** 2079 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\\_001080549.2](#), [NP\\_001074018.1](#)

**RefSeq Size:** 4261 bp

**RefSeq ORF:** 2079 bp

**Locus ID:** 245596

**UniProt ID:** [Q14B70](#)

**Cytogenetics:** X E1