

## Product datasheet for **RN203805**

### Hdx (NM\_001134568) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hdx (NM_001134568) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hdx
Synonyms:	RGD1563666
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203805 representing NM\_001134568  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTGGCAGCTATGGCAGCTTTCTCGTTAAGGAAACAACCTATGCTTTGCTTGAATTACAAATTTACT  
 TGCAAAAATTCAAATGTAACTAACTAAGTATAACCATCAAGTTTCTTAAGTATCTGGGGTCCACAAACAC  
 AAATAAATATCAACCTTTAAATGAAACCCACCATATGTTTTGATGTTTCAGTCACTTGCATTTGCATATT  
 GGTTATCAGTGGAGAAGTTCAGCTGTTCTTTATATGATGAATCTACGTTCTGTATTTACTGTAGAGCAAC  
 AAAGGATTTTACAGCGTTATTATGAAAATGGAATGACAAATCAAAGTAAAAATTGCTTTCAGCTCATATT  
 ACAGTGTGCACAGGAGGCTAAGCTGGACTTCAGTGTAGTCAGGACGTGGGTTGGCAATAAGCGAAGAAAA  
 ATGAGTAGTAAAAGCTGTGAGTCAGGAACAGCAGGAAGTGTGTCTGGTACCTCATTGGCAGCTCCGGACA  
 TTACAGTCAGAAATGTGGTTAATATTGCCCGCCCTTCCAGCCAGCAATCTTCTGGACTTCTGCCAATAA  
 TGATGTCAATTGTAAGTGGCATATACAGTCCGGCAGGCTCATCAAGTAAGCAAGGCACTACAAAGCATAACA  
 AATACACAAATTACAGAAGCACAGAAAATTCCTATTACAGAAGGCAGCCAGTAAAAATGACTGAATTTTC  
 AATTGCACATTCCTGTTCAAAGCAAGTAGCACACTGTAAAAATGCTTCTGTGCTCCTAGGGGAAAAAGAC  
 AATTATTTTGTCAAGACAGACAAGTGTACTAAATGCTGGAAACTCAGTGTACAATCACACAAAGAAAAGC  
 TACGCAAGTTCTCCGGTGAAGCTTCTGAAATGACAGTACCTCAAAGCCATCTGTGTGCCAGAGACCTT  
 GCAAAAATTGAACCAAGTGGGATCCAAAGGTCATATAAACTGAACATGCAGCTCTGGCATCACATAACTT  
 ATGTGGGCAAAAGCCAACCAAGTAGAGACCTTGTGTAGAACACAAAACCTGGAAATTCGTGAAGTGT  
 TCATTGGCCGTCAGTGATTACCTCAGAGAATTCGGGAGGAAATACCACACAGAAGCCAGGCTCAGCAG  
 AAGGAACCTGTTTGTCCATTGCAATGGAGACTGGAGATGCAGAGGATGAATATGCCAGAGGGAAGAGCT  
 AGCATCAATGGGAGCACAGATAACAAGCTACTCAAGGTTTTATGAAAGTGGCAGTTCCTTCGAGCTGAG  
 AACCAAAGTACAACCTTGCCTGGACCAGGAAGAACTGTCAAATTCACAAATGGTGAATATTAGAGATG  
 TGTGAGACAATGTACTGTATCAAAGTAGAGACTACCATTTGACACCACGGACCTCATTGCATACAGCATC  
 AAGTACTATGTACAGCAATACTAATCCATCACGGAGTAATTTTTCTCCACATTTTGTATCAACAAACCAA  
 CTGAGGTTATCACAAAACCAAAACAATTACCAGATTTCCAGGAAACCTTTCTGTGCCTTGGATTACAGGGT  
 GTTCTAGGAAAAGAGCACTACAGGACCGCACTCAATTCAGTGACCGAGACTTGGCTACTCTTAAGAAGTA  
 CTGGGACAATGGTATGACCAGCCTGGGCTCAGTATGTAGAGAGAAGATTGAAGCTGTTGCAACAGAATTA  
 AATGTCGACTGTGAAATAGTTCCGACTTGGATTGGGAATCGAAGAAGAAAATACCGTTTAAATGGGAATTG  
 AAGTTCCACCTCCAAGAGGAGGCCCTGCTGATTTCTCTGAGCAGCCTGAGTCTGGTTCTTTGTCTGTACT  
 CACACCAGGAGAGGAAGCTGGGCCTGAAGTAGGAGAGGATAATGACAGAAATGATGAAGTGTCCATCTGT  
 TTGTCCGAAGCAAGCTCTCAAGAGGAGTCCAACGAACTAATCCCAAATGAGGCCAGGGCACATAAGGATG  
 AAGAGCATCAGGCAGTATCCGCAGATAATGTGAAAATAGAAATATCGATGATGAAGAAAGTGACATGAT  
 AAGCAATTCGAGGTAGAACAAGAGAATTCCTCTCTGGATTATAAGAACGAAGAAGTCAAGTTCATTGAA  
 AATGAGTTAGAGATTGAGAAGCAAAAATACTTTAAGCTCCAGACTTTTGTGAGAAACCTGATCCTCGCTA  
 TGAAAGCTGACGATAAAGAGCAGCAGCAGGCACTGCTGTGAGATTTACCTCCAGAATTAGAAGAGATGGA  
 TTTGAGTATGCCTCACAGATCCTGATGATACCTCATTGAGTGTCTTATTATCAGAGAAAAATGCC  
 TCAGACAGTTTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001134568  
**Insert Size:** 2325 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001134568.1</a></u> , <u><a href="#">NP_001128040.1</a></u>
<b>RefSeq Size:</b>	4050 bp
<b>RefSeq ORF:</b>	2325 bp
<b>Locus ID:</b>	317617
<b>Cytogenetics:</b>	Xq31