

Product datasheet for **RN206493**

Ehd3 (NM_138890) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ehd3 (NM_138890) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ehd3
Synonyms:	Ehd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206493 representing NM_138890
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCAGCTGGCTGGGTAACGATGATCGCCGCAAGAAGGACCCTGAGGTCTTCCAGACCGTGAGCGAGG
 GGCTCAAGAACTCTACAAGACCAAGCTGCTGCCTCTGGAAGAGTATTACCGCTTCCACGAGTTCCACTC
 GCCGGCCTTGGAGGATGCTGATTTTCGACAACAAGCCCATGGTCTGTTGGTGGGCAATACTCTACTGGC
 AAGACCACCTTTCATCAGGTACCTGCTGGAACAGGATTTTCCAGGCATGAGGATTGGGCTGAGCCAACCA
 CTGATTCCTTATAGCAGTGATGCAGGGAGATGTGGAGGGGATCATCCCTGGGAACGCCCTGGTGGTGGAA
 TCCGAAGAAACCTTTCAGAAAGCTCAACGCCTTCGGCAATGCCTTCTGAAACAGGTTTGTGTGTGCGCAG
 CTGCCAACGCTGTTCTAGAAAGTATCAGTGTGATCGACACACCGGGGATCCTCTCTGGTGAAGAACAGA
 GGATCAGCCGAGGATGATTTTGTGCTGCTCCTCGAATGGTTTGTGAGCGGGTGGACCGAATCATCCT
 GCTCTTTGACGCCACAAGCTTGACATCTGATGAGTCTCAGAAGTCATCAAGGCCCTCAAGAACCAC
 GAGGACAAGATGCGAGTGGTGTGAACAAGGCTGACCAGATTGAGACCCAGCAGCTGATCGGGGTGTATG
 GGGCCCTCATGTGGTCCCTGGGGAAGATTGTGAACACACCAGAGGTGATCCGGGTCTACATTGGCTCCTT
 CTGGTCCCACCCTCTCCTCATTCTGACAACAGGAAGCTCTTGAAGCTGAAGAGCAAGACTTGTTCAAA
 GACATTGAGAGTCTACCCCGTAATGCTGCTCTTCGAAAGCTCAATGATCTCATCAAGAGAGCCCGGCTGG
 CCAAGGTCATGCCTATATCATCAGTCCCTAAAAAAGGAGATGCCCTCAGTGTGGGAAGGACACCAA
 AAAGAAAGAGCTGGTGAACAACCTGGCTGAGATCTATGGCCGGATTGAGCGAGAACCAGATATCCCT
 GGGGACTTCCCAACCTGAAGAGGATGCAGGATCAGCTGCAGGCCAGGACTTCAGCAAATTCACACCAC
 TGAAGAGCAAGCTGTAGAAAGTGGTTGATGACATGCTGGCCCATGACATTGCCAGCTCATGGTGTGTT
 ACGCCAGGAAGAGACCCAGCGCCCTGTTAGATGGTGAAGGGTGGAGCATTGAGGGAAACCTCCAAGGG
 CCCTTCGGGCATGGCTATGGAGAGGGAGCTGGGAGGGCATTGATGATGCCGAGTGGGTGGTGGCCCGGG
 ACAAGCCTATGTATGATGAAATCTTCTACACCTTATCCCCGGTGGATGGCAAGATTACGGGCGCCAATGC
 CAAAAAGGAGATGGTGCCTCCAAGTTGCCAACAGCGTCTGGGGAAGATCTGGAAGCTAGCCGACATT
 GACAAGGATGGCATGTTGGATGATGAGGAGTTGCCCTGGCCAACCACCTTATCAAAGTCAAGCTAGAGG
 GGCATGAGCTGCCAGTGAAGTGCCTGCCATCTCCTCCCTCCATCTAAGAGGAAAGTAGCGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_138890

Insert Size: 1608 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_138890.2](#), [NP_620245.2](#)

RefSeq Size: 2108 bp

RefSeq ORF: 1608 bp

Locus ID: 192249

UniProt ID: [Q8R491](#)

Cytogenetics: 6q13

Gene Summary: mouse homolog is involved in regulating vesicular structure microtubule-dependent movement [RGD, Feb 2006]