

Product datasheet for **RN212883**

Ehd4 (NM_139324) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ehd4 (NM_139324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ehd4
Synonyms:	Past2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212883 representing NM_139324
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTT**CAGCTGGATGGGGCGGCAGGCGGGCGGCGAGCGCTCGGGCGGTATGGACCGGTGCAGACGG**
 TGACGGGAGGCCTGCGCTCACTCTACCAACGCAAGGTGCTGCGCTGGAAGAGGGTACCGCTTCCACGA
 GTTCCACTCGCCAGCGCTGGAGGACGCCGACTTCGAAAACAAGCCATGATCCTGCTGGTGGCCAGTAC
 AGCACGGGCAAGACCACTTT**CATCAGATACTTACTGGAGCAAGATTTCCAGGCATGAGAATTGGTCCAG**
 AGCCAACCACAGATTCCTT**CATTGCTGTGATGTATGGGGAGACCGAGGGAAGTACCCCTGGGAATGCTTT**
 AGTTGTGGATCCCAAAAAGCCATTCCGAAAGCTCAGTCGCTTTGGAAATGCTTTCCTGAACAGATTCATG
 TGCTCACAGCTGCCAACCAAGTTCTGAAGAGCATCAGCATCATCGACAGTCTGGCATCCTGTCTGGG
 AAAAGCAGCGCATTAGCCGAGGGTATGACTTCTGCCAGGTCTTACAGTGGTTTCCGAGAGGGTTGACAG
 GATCATCTGCTCTTTGATGCTCAGAAATGGACATCTCAGATGAGTTCTCAGAGCGCATCAAAGCCTTC
 CGGGGCCAGGATGACAAAATCCGAGTGGTACTGAACAAGGCTGACCAAGTGGACACACAGCAGCTGATGC
 GAGTCTATGGGGCCCTCATGTGGTCTCTGGGTAAGGTCATCAACACACCCGAAGTACTTCGAGTCTACAT
 TGGCTCCTTTTGGGCACAGCCTCTGCGAATACAGACAACCGCCGGCTCTTTGAGGCTGAAGCACAGGAC
 CTCTTCAGAGACATCCAGAGCCTGCCCCAGAAGGCTGCAGTGCGCAAACCTCAATGACCTCATCAAGCGAG
 CAAGGTTGGCCAAAGTCCACGCCTACATCATCAGTACCTGAAGAAGGAAATGCCAGTATGTTTGGAAA
 AGAAAAAAGAAGCGAGAACTTATCTTCAGACTCCAGAAATCTATGTT**CAGCTGCAGCGAGAATACCAG**
 ATTTCTGCAGGGGACTTCCCTGAGGTCAAGGCCATGCAGGAGCAGCTTGAGAACTATGACTTCA**CCAAGT**
 TCCACTACTGAAGCCCAAGCTGATCGAGGCTGTGGACAACATGCTGACCAACAAGATCTCATCCCTGAT
 GAGCCTCATTAGCCAGGAGGAGATGAACATGCCACGCAAAATGGTGCAGGGTGGTGCCTTCGATGGCACC
 ACAGAGGGGCCCTTCAACCAGGGCTATGGGGAGGGAGCCAAGGAGGGTGTGATGAGGAAGAGTGGGTCG
 TGGCTAAAGACAAGCCTGTGATGATGAACTCTTTTATACACTGTCA**CCCATCAATGGCAAGATACAGG**
 TGTCAATGCCAAGAAGGAAATGGTGACCTCAAGCTGCCCAACAGTGTCTGGGCAAGATCTGGAAGCTG
 GCCGACTGTGACTGCGATGGCATGCTGGACGAAGAGGAGTTTGCAGTGGCCAAGCACCTCATCAAGATCA
 AGTTGGATGGCTATGAGCTCCCAAACAGCCTGCCCCCTCACCTTGTGCCCCCTCGCACAGGAAGTCCCT
 GCCAAAGGCTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_139324
- Insert Size:** 1626 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_139324.1](#), [NP_647540.1](#)

RefSeq Size: 3438 bp

RefSeq ORF: 1626 bp

Locus ID: 192204

Cytogenetics: 3q35