

Product datasheet for **SC108724**

HDHD3 (NM_031219) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HDHD3 (NM_031219) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDHD3
Synonyms:	2810435D12Rik; C9orf158
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108724 sequence for NM_031219 edited (data generated by NextGen Sequencing)

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ATGGCACACCGGCTGCAGATACGACTGCTGACGTGGGATGTGAAGGACACGCTGCTCAGG
CTCCGCCACCCCTTAGGGGAGGCCTATGCCACCAAGGCCCGGCCATGGGCTGGAGGTG
GAGCCCTCAGCCCTGGAACAAGGCTTCAGGCAGGCATACAGGGCTCAGAGCCACAGCTTC
CCCAACTACGGCCTGAGCCACGGCCTAACCTCCC GCCAGTGGTGGCTGGATGTGGTCCTG
CAGACCTTCCACCTGGCGGGTGTCCAGGATGCTCAGGCTGTAGCCCCATCGCTGAACAG
CTTTATAAAGACTTCAGCCACCCCTGCACCTGGCAGGTGTTGGATGGGGCTGAGGACACC
CTGAGGGAGTGCCGCACACGGGGTCTGAGACTGGCAGTGATCTCCAACCTTGACCGACGG
CTAGAGGGCATCCTGGAGGGCCTTGGCCTGCGTGAACACTTCGACTTTGTGCTGACCTCC
GAGGCTGCTGGCTGGCCCAAGCCGGACCCCGCATTTTCCAGGAGGCCTTGCGGCTTGCT
CATATGGAACCAGTAGTGGCAGCCATGTTGGGGATAATTACCTCTGCGATTACCGGGG
CCTCGGGCTGTGGGCATGCACAGCTTCTGGTGGTTGGCCACAGGCACTGGACCCCGTG
GTCAGGGATTCTGTACCTAAAGAACACATCCTCCCCTCTCTGGCCCATCTCCTGCCTGCC
CTTGACTGCCTAGAGGGCTCAACTCCAGGGCTTTGA

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Clone variation with respect to NM_031219.2
437 g=>a



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031219 unedited
 TCAGATTTTGTAAACGACTTCACTATAGGGCGGCCGATTCCGGCACGAGGGTGTCTGTA
 CAGGTTACCAATTTTTAAAAATCCAAATATATCTCATGGTACAGTGGAAGAACTGGCCAG
 AGAGTCTGGAAGTTTGGGTTCTGGTCTGGCTGTGCCACTGACTCACTGTGACCTGGGA
 TCTTGTGCTGTGAAGACATTTCCCAAGTCTCATGTTAGCCAGCAAATCTGACCCACAA
 GGCCTGGAAGAGGTGATTGTTAGGTTGCGCAGAGGTGGTCTTATCCAGCTCAGTTCCC
 CTGGGACCCACCGTGGGACCTGAGGCAGAACTGGGGTGGACTTGGCCTCCTCCATGGCAC
 ACCGGCTGCAGATACGACTGCTGACGTGGGATGTGAAGGACACGCTGCTCAGGCTCCGCC
 ACCCCTTAGGGGAGGCTATGCCACCAAGGCCCGGCCATGGGCTGGAGGTGGAGCCCT
 CAGCCCTGGAACAAGGCTTCAGGCAGGCATACAGGGCTCAGAGCCACAGCTTCCCCAACT
 ACGGCCTGAGCCACGGCCTAACCTCCCGCCAGTGGTGGCTGGATGTGGTCTGCAGACCT
 TCCACCTGGCGGGTGTCCAGGATGCTCAGGCTGTAGCCCCATCGCTGAACAGCTNTATA
 AAGACTTCAGCCACCCCTGCACCTGGCAGGTGTTGGATGGNGCTGAGGACACCCTGAGGG
 AGTGCCGCACACGNGTCTGAGACTGGCAGTGATCTCAAACCTTTGACCGACGGCTAGAGG
 GCATCCTGGNAGGCCTTGGCCTGCGTGAACACTTCGACTNTGTGCTGACCTNNCAGCTG
 CTGGCTGGCCCAACNGNACCNCGATTTTCCAGAGCCTTGGCCTTGCTCTATGAACCAG
 TAGTGACCCATGTTGGGGATATACTCTGCGATACCAGGGCCTCGGNCTGTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031219 unedited
 CTATGGACCGCGCACGCTATTCTATAGTCGGTTTTTTTTTTTTTTTTTTTTAGTGGGGAA
 GGGTGAGAGCTCAGCACTCACTGCTTTATTATCACAGTAGGTGACAAAGGCCGAGGGAG
 AGGGGAAAGGTCCAGAGCTGTGGAGAAAGAAGGGCTCCCTGTCTCCAGGGTTTGTTA
 AGGTTTTCTCCATGGCCTATGGCCAGCCACTTCCCTCACTGGCCTCAAAGCCCTGGAGT
 TGAGCCCTCTAGGCAGTCAAGGGCAGGCAGGATATGGGCCAGAGAGGGGAGGATGTGTT
 TTAGGTACAGAATCCCTGACCACGGGGTCCAGTGCCTGTGGGCCAACCCAGGAATCT
 GTGCATGCCACAGCCGAGGCCCTGGTAATCGCAGAGGTAATTATCCCCAACATGGGC
 TGCCACTACTGGTTCCATATGATCAAGCCGCAAGGCCCTCTGGAAAAATGCGGGGGTCCGG
 CTTGGGCCAGCCAGCAGCCTCGGAGGTCAAGCAAAAGTGAAGTGTTCACGCAGGCCAAG
 GCCCTCCATGATGCCCTATCCGTCCGTCAAAGTTGGAGTCACTGCCAGTCTCAGACC
 CCGTGTGCGGCACTCCCTCATGGTGTCTCAGCCCCATCCAACACCTGCCAGGTGCAGGG
 GTGGCTGAAGTCTTTATAAAGCTGTTTCAGCGATGGGGGCTACAGCCTGAGCATCTGGAC
 ACCCGCCAGGTGGAATGTCTGCATGACCACATCCAGCCACCACTGGCGGGAGGTTAGGCC
 GTGGCTCATGCCGTATTTGGGAATCTGTGGCTCTGAGCCCTGTATGCCTGCCTGAATCC
 TGNTCCAGAGCTGATGGCTNCACCTNCAGCCATGGGCCAGGCNTGGTAGCATATGCC
 TCCCTTATGGGTAGCGNAGCCTGAGCGCGTGTCTTACATCCACGTAGCAGTCGTCTGCG
 AGCCGTGTGCATGGATGAGNCAGTNCACCCATTCTGCCTAGC

Restriction Sites:

NotI-NotI

ACCN:

NM_031219

Insert Size:

1280 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_031219.2](#), [NP_112496.1](#)

RefSeq Size: 1787 bp

RefSeq ORF: 756 bp

Locus ID: 81932

UniProt ID: [Q9BSH5](#)

Cytogenetics: 9q32

Domains: Hydrolase