

Product datasheet for **MC224744**

Hecw1 (NM_001081348) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hecw1 (NM_001081348) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hecw1
Synonyms: 9330116H24Rik; AV273951; E130207119Rik; Nedl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224744 representing NM_001081348
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGCTGCACCTGTGTAGTGTGAAGAATCTGTACCAGAACAGGTTTTAGGCCTGGCTGCCATGGCGT
CTCCATCTAGAACTCCCAGAGCCGACGCCGTGCAAAGAACCCTCCGGTACAGCTATAACCCAGACCA
ATTCCACAACATAGACATCAGAAATGGTGCCCATGATGCTATCACCATCCCTCGTCCACCAGTGACACT
GACCTGGTCACTTCAGACAGCCGCTCTACACTCATGGTCAGCAGTTCTACTATTCGATAGGGCACTCCC
AGGATTTGGTGATCCACTGGGACATCAAGGAAGAAGTGGATGCTGGAGACTGGATTGGCATGTACCTTAT
TGGTGAAGTCTCATCTGAAAACCTTCTGGATTATAAGAACCGTGGAGTCAATGGTTCTCACAGAGCCAG
ATCATCTGGAAGATTGATGCCAGCTCTTACTTTGTGGAATCTGAAACTAAGATCTGCTTCAAATACTACC
ACGGAGTAAGTGGGGCCCTGCGAGCTACAACCCCAAGTGTCAAGAACTCAGCAGCCCCTATTTT
TAAAGGTATTGGCTCTGAAGAGACTGCACAAAGTCAAGGAAGCCGGAGGCTGATCAGCTTCTCCCTCTCA
GATTTCCAGGCCATGGGATTGAAGAAAGGGATGTTTTTCAACCCGACCCCTTATCTGAAGATTTCCATTC
AACCTGGGAAACATAGCATCTTCCAGCCCTCCCTCATCATGGACAGGAAAGGAGATCCACGATCATAGG
CAACACTGTAAACCCCATCTGGCAGGCAGAGCATTTTCAGTTTCGTGTCTCTGCCAACCGATGTGCTGGAA
ATTGAAGTGAAGGACAAGTTTGCCAAGAGTCGTCCCATCATCAAGCGTTTCTTGGGAAAGCTGTCAATGC
CTGTTCCAGAGGCTGCTGGAGAGACAGCCATAGGGGATAGGGTGGTCAGCTACACACTTGGCCGCCGGCT
TCCAACCTGACCATGTGAGTGGGCAGCTGCAATTCCGATTTGAGATCACATCCTCCATCCATGCAGATGAT
GAAGAGATCTCTGAGTGTGAGCCTGAGTCGTGAGCAGAAACGCAGGACAGCATCATGAATAGTATGG
TGGGAAACAGCAATGGAGAGCCTTCTGGTGTGCTACAGAATTCTGCAAGGATGCGAAGCCAGAGTCACC
AAGTGAAGGGAATGGAGTAAACAGCTCAGAAAACCAAACAGGAGCATGCCGGCCAGTTGAGGAAGCG
GCAGGAGCTATGGAGGCCAGAGATGGTAGCAATGTCTCTGAAGCACCCGAAGAGCCGGAGAGCTTCAGG
ACCCAGAGCAACATGACACCCAGCCACCTGAGTGCAGAAGAAGTGGCCGAGGGACTTCCCTGGATGA
GGATTCGCCATCCTCGCTGTTGCCAGAAGAGAATACAGCTTAGGCAGCAAGGTAGAAGAGGAAACAGTA
CCAGAAAATGGAGCCAGAGAGGAAGAAATGCAGAAGGGGAAAGATGAAGAAGAGGAAGAAGAGGACGTTT



CTACCCTGGAGCAAGGAGAGCCTGGACTGGAGCTGAGGGTCTCCGTGAGAAAAAAGCAGACCATGTTCCCTACCTGTATCAGAGCTTGAGACAGTGATTGCATCTGCCTGTGGAGATGCTGAGACCCCGAGAACCCTATATCCGCATCCACACCCTGCTGCACAGCATGCCCTCGGCCAGAGAGGAAGCACCACGGAGGAGGAAGATGGCTTGAGAGGAATCCACCCTCAAGGAGTCTCTGAAAAGGATGGGCTCAGCGAGGTGGACACAATAGCTGTGACCCACAGTCCATGGAAGATGGCGAGAGCGATGGGGTACTCTGTGCATGGCACCCTGTGACTGTCTGGGGACATTTCTCCAGTTTATCCAAAGGCATTGGTGTGGCCAAGATGGCGAAGTCAACCCCGACTGGAGTGGAGAGTGAAGTCAATCGGTAACAATCGGTTCCGCCAGCCACACACGTTCTCCTCTGTGGACAGCGCCAAGATCTCTGAGAGCACAGTCTTTTCTCACAAGAGGATGAGGAAGAGGAAAACAGTGCATTGAGTCCGTTACCGACTCGGTGCAAAGCCAGAGCTAGATCCCGAGTCTACAAAATGGGGTGGCCCTTGGCAGGATGAACTGGTCCCTGGTGGAAATGCAGCAAGAAGTACTGAAGTCTGGAGTCCCCATGGCAGGTCTAGCAATAGGAGAGAAGTGAATGCCTATACTCCATAATTCCCAGCCAATAAGCCAACCTTCTTCTTGAGGCTGACACATCATCACTACCCAACAATCGATGAGCTCTCCACCAAAGTGGGAGGCTCGAATTGACAGCCATGGACGGTCTTTTATGTGGACCATATAAATCGCACAAACCCTGGCAGCGACCATCGATGGCCCTACCCCGATGGAATGATCAGATCCGGGTCTGTCCACCAGATGGAGCAGCTTAACAGAAGGTATCAAAACATCCAGAGACCATGGCAACAGAGAGAGCTGAAGAAGATTCTGGCAATCAAAAACCTCTGAGCAAATACCAGACGGAGGAGGAGGAGTGGTGGTGGGAGTGAAGCAGAAATCATCCCAATCAAGCTTAGATCTGAGGAGAGAAGGGTCACTTTCTCCTGTCAACTCAGAAAGTCACTTGTCTGCAGTCTCCAGCGGTCAAGTTCATCAACAATCCTGAGTCTTCACTGTGTGCATGCCAATTATAGTGCCTACAGGGTTTTCAAGCAGCACTTGCCTGAAGCATATGATTTTTAAAGTCCGAAGAGATGCTCGAAATTTGAGCGCTATCAGCACAAACGGGACCTGGTGAATTTCAACATGTTTGCAGATACTCGGCTGGAAGTGGCCCGGGTGGGAGATCAAACTGATCATCAGGGAAAGTCTTTCTCGTGGACCACAACAGTGCAGTACTACTTTCATAGATCCCCGAATCCCTTTCAGAAATGGCGTCTTCCCAATCATCTAACCACCGACAGCACCTCCAGAGGCTCCGGAGTTACAGTCTGGGGAGGCTCAGAAGTCTCTAGAAACAGAGGAGCATTTTGTGGCCAGACCAGGACACAGCCTAATAGCTGCTATTCGAAGCCAACATCAACATGAATCCTTGCCACTGGCATAACAATGACAAGATTGTGGCATTCTTCGCCAGCCAAACATTTTTGAAATGCTACAAGAACGTCAGCCAAGCTTGGCAAGAAACCACACTCAGGGAGAAAATCCATTATATTCGGACAGAGGGCAATCATGGGCTTGATAAATTGCCTGTGATGCAGATCTAGTCATTTGCTGAGTCTCTTGAAGAAGAGATCATGCCTATGTTCCCTGCAATCTGCCTTCCACCCTGGATATAGCTTCTCCTCCCGCTGTTACCCTGTTCCCTCACCTCAGAACTCCCAGGTTTACAGAGAGCCAGCAAGAGCCCTTACCATACCGAAGGGATTTGAAGCTAAGCTCCGCAATTTCTACCGAAAACCTGGAGCCAAAAGGATTTGGACAGGGTCCGGGTAATAAGCTCATCATCCGTGAGACCACTTGTGGAGGGACCTTCAATCAAGTGTGGCATACTCAAGGAAGGAGCTCCAGAGAAACAAGCTCTACATCACTTTGTTGGAGAGGGGCTGGACTACAGTGGCCCTTCTCGAGAGTCTTCTTCTGTTGTCTCAGGAGCTCTTCAACCTTACTATGGACTCTTTGAGTATTCTGCAAATGACACATACACAGTACAGATCAGCCCATGTGAGCATTTGTAGAAAATCTTGAATGGTTTAGATTCAAGTGGTTCATCCTGGGCTAGCTGTGATCCATCAGTACCTCTGGACGCTTTCTCACAAGACCCTTCTAAGGGACTCCTGAAGCTGCCATGTGATCTGAGTGCCTAGAATATTTGGATGAGGAATCCACCAGAGTTTACAGTGGATGAAGGACAACAACATCACAGACATCTAGATCTCACCTTCACTGTTAATGAAGAAGTTTTGGACAGGTAACAGAAAGAGAGTTGAAGTCTGGAGCGCCAACACGCAGGTGACTGAGAAAAACAAGAAGGAATACATAGAGAGGATGGTGAAGTGGCGTGTGGAAGTGGTGTGACAGCAGAGGAGCATTGCTCAGGGTTTTCTATGAGTTGTAGACTCAAGGCTCGTCTCAGTGTGATGCGAGGAACTGGAGCTGGTATCGCTGGAAGTCTGAAATCGACCTGAATGACTGGAATAACACAGAGTACCGGGAGGTTATCACGATGGCCACCTTGTGATCCGCTGGTTCTGGGCTGCAGTGGAAACGCTTCAATAATGAGCAGAGATTGCGATTACTTCAGTTTGTGACAGGAACATCAAGTGTGCCCTATGAAGGCTTTGAGCTCTGCGGGGAAGCAATGGGCTTCGACGTTTCTGCATAGAAAAGTGGGGAAAGATTACATCTTCCCAGGGCACATACGTGCTTCAACCGATTGGATCTCCACCATACCTTTCATATCCATGTTGTATGAAAAGCTGTTAACAGCAGTAGAAGAAACCAGCACCTTTGGACTTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001081348
Insert Size:	4815 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:	<ol style="list-style-type: none"> 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:	<u>NM_001081348.3</u> , <u>NP_001074817.3</u>
RefSeq Size:	9460 bp
RefSeq ORF:	4815 bp
Locus ID:	94253
UniProt ID:	<u>Q8K4P8</u>
Cytogenetics:	13 5.29 cM
Gene Summary:	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent degradation of DVL1.[UniProtKB/Swiss-Prot Function]