

Product datasheet for **MC224704**

Hecw2 (NM_001001883) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hecw2 (NM_001001883) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hecw2
Synonyms: A730039N16Rik; D030049F17Rik; Gm971; mKIAA1301; Nedl2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224704 representing NM_001001883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTAGCTCAGCCCGGGAGCATTGCTTTTTGTGCGGGCGTCAAAATCCACAGATGCGGTACACACTGA
 GCCCAGAGAACCCTCCAGAGCCTGGCAGCCAGAACAATGCCCGAGAACATGGCCCTACAGCGGGCCAA
 CAGTGACACGGATCTGGTGACTTCTGAGAGCCGCTCCAGCCTGACTGCCAGCATGTACGAATACACGCTG
 GGGCAAGCCAGAACCTCATTATCTTCTGGGACATTAAGGAAGAGGTTGACCCACAGCATTGGATAGGAC
 TCTATACATAGATGAGAATTCTCCAGCCAACCTCTGGGACTCTAAAAACAGGGGTGTGACTGGAACCCA
 AAAAGGACAAATTGTATGGCGAATTGAGCCTGGGCCCTACTTCATGGAACCGGAGATCAAAATCTGTTTC
 AAATACTACCATGGTATTAGTGGAGCCCTGCGAGCCACAACCCCTGTATTACCGTGAAGAACCAGCTG
 TGATGATGGGGCCGAAGGCATGGAAGGAGGTGCTTCAGGAAGCCTGCACTTAGGAACTCGTCAGCTT
 CACATTGTCAGATCTCAGGGCAGTTGGGCTCAAGAAAGGATGTTCTTCAATCCTGACCCCTATCTTAAG
 ATGTCCATTAGCCAGGAAGAAGAGCAGTTTTCTACCTGCGCCACCATGGGCAGGAGAGAAGGTCCA
 CTATCATCAGCAACACCACCAATCCGATCTGGCACAGAGAGAAATACTCCTTTTTTGACATTTTGACTGA
 TGTCTTAGAAATTGAAATCAAAGACAAATTTGCCAAGAGCCGGCCATCATCAAACGCTTCTGGGGAAA
 CTAACCATTCCAGTGCAGAGGCTGCTGGAGCGGAGGCTGGGACCAAAATGCTCAGCTACAACCTTGGCA
 GACGGCTCCCAGCTGACCACGTGAGTGGGTACCTCCAGTTAAAGTGAAGTTACATCTTCTGCTCACGA
 AGATGCTTCTCCAGAGGCTGTCGGCACCATCCTCGGAGTCCACTGTGAATGGAGACCTGGGCAGCCCT
 TCCGATGAGGAGGATATGCCAGGCAGCCATCATGACGACTACTCTGTGCTAATGGGCCAGTGTCCGAGG
 ACAGTGTGCTGATGGCACCCCTAAGCATTCTTTCAGGACTAGCTCTACCCTGGAGATCGACACGGAGGA
 CTTGATCTCTACTTCTTCTAGAAATTACCCCCAGGGGCGCCAGGATCCCTCAATGATTACTTAGAT
 GCTATTGAACACAATGGCCCCGCCAGGCCAGGGCAGCCTCCTCCTCTGAGCGGTCCATGGGAGCCTCTC
 CTAAACTGAGGAGTAGTTTTCCCACTGACACAAGACTCAATGCGATGCTTCATATTGACTCAGACGAAGA
 AGACCATGAGTTTCAGCAAGACTTGGGCTACCCATCTTCTTTGGAGGAGGAGGGAGGCTTATCATGTGC
 AGCAGGGCGTCGAGAATTGATGATGGGAGCCTGACATCTCAGACCAAAACCAGAGGATGACAACCTGTGG



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AGAATGAGGATGCCTCTATACATGAAACTGCATCCTTAGAAGAGAGGCTGGAGAATCTTCCAGAGTTGC
 AGATGGCTCCTTGCCATCAAGTACAGCCCTGATGAAAATGAAGCCAACCTGGAGCCTCAACCCAGTGCA
 GACCAGGGTAGCACTGAATTGTGTAGCTCTCAAGAAGTAGATCAGCCCACAAGTGGTGCAGATGCAGGAG
 CTTCTGACACATCTGGAGGGAGCCGAGAGCTGCCAGTGCAGCCAGTCCCTGGACCAGGGATCTGAACC
 TTCCCAGTGTCTCTGAGACAGAACCCAGTGACCCTGCAAGGACAGAGAGTGTGAGTGAAGCCAGTACC
 AGACCTGAGGGGGAGAGTGAACCCGGAAGGCGCAGACAGCTCATGCAATGAGAGCGTGACTACACAGCTGT
 CCTCCGTGGAGACCGGTGCTCATCTCTAGAGAGTGCAGGATTTCCAGAAAACCCCGCTTTTCTTCTCA
 GGAGGAAGAAGATGGGGCTGTGCAGCTGAGCCACCAGCAGTGGCCCGCAGAGGGGTCCGAGGAGTCC
 GTCTGCACTCCTAGTTCTTTACCTGCTGTGCAGGTGCCAGCAGGGAAGAGGAAGGGTACAGCGGTGAAG
 CTGCTGCTTTATCTGAGCAGGGGAGCTAGGGGAAGTCTGGCAGAGGAGGGGGAGTCTTGAAGGAGCAGC
 CGTGTGCTCCTGCTGCTGCCACTGATAGCCAGCCCAGGAAGATGGGGATGCTGGGGATGCCCAA
 GGTGCCTGCGAAGGGGCCACTGCCAGGAGGAGGGCGCCACTGGAGTTCTCAAACCAATGGCCACCAGC
 CCTTGAGTCACTACCTCCGTGCGCCAGGACGTACCCGGTACCAGAGGGTGGATGAGGCTCTCCCACC
 AAAGTGGGAGGCACGGATTGACAGCCACGGCAGGATCTTCTATGTGGACCATGTAACAGAACCCACAACG
 TGGCAGCGGCCACAGCTCCCCTGCCCCACAGTCTGCAGCGATCTAACTCCATACAGCAAATGGAGC
 AGCTGAACCGACGTTATCAGAGCATCCGAGAACCATGACTAATGAGAGGCTGAGGAAAATACCAAGTGC
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 CCTCACTACCTCCAGATCCAGGCTCACGCTGCTGTACAGTCAACCCCGTGAAGTTCCTCATCAGCC
 CAGAGTTCTTACCCTGCTGCATTCTAACCCCTAGTGCCTACCCGATGTTTACAAACAACAGTGTGTTGAA
 GCACATGATCACCAAAGTCCGGCGGGACACCCACCCTTTGAGCGCTATCAGCATAACAGGGACCTCGTG
 GGATTCCTCAACATGTTTGCTAACAAACAGCTGGAACCTACCAAGGGGCTGGGAGATGAAACATGATCATC
 AGGGAAGGCGTTTTTTGTCGACCACAACCTCCCGGACCACCAGTTCATTGATCCTCGGCTCCCACCTTCA
 GAGCAGTAGGCCACAAGTGCATTGGTTCATCGACAACACCTGACGAGGCAACGCAGCCACAGTCCGGGT
 GAGGTAGGAGAAGACTCTCGGCACGCAGGACCACCAAGTTCTTCCAGGCCATCCAGTACATTCAATACGG
 TCAGTAGGCCGAGTACCAGGACATGGTCCAGTGGCCTACAATGACAAAATTGTTGCGTTTTTGCGTCA
 ACCCAACATCCTTGAATTCTGCAAGAGCGTCAACCTGATCTTGCAGAAAACCACTCACTCAGGGAGAAG
 ATCCAATTTATCCGAACGGAAGGGACCCCTGGATTGGTGCAGGCTCTCAAGCGATGCAGACCTTGTGATGT
 TACTGAGCTTATTCGAGGAAGAGATAATGTCATATGTGCCTCCTCATGCCTTACTCCACCCAGCTACTG
 TCAGTCCCGCGTGGCTCCCCGTATCATCTCCCAGAACTCACCAGGACTCAGCGTCCCAATGCCCGG
 GCTCCAGCCCCTTACAAGAGAGATTTTGAAGCCAAACTAAGGAACTTTTACAGGAAGTTAGAACTAAAG
 GATACGGACAAGGCCAGGAAAATTAAGCTAATTATCCGAAGAGATCACTTGTGGAAGATGCTTTCAA
 TCAGATCATGGGCTACTCCAGAAAGGACCTGCAGAGGAATAAACTGTACGTACCTTTGTGCGGGAGGAA
 GGGTTGGATTACAGTGGGCCATCCAGAGAGTCTTCTTCTGTTATCCCAGAGGCTCTTTAACCCCTATT
 ACGGCTTATTTGAATATTCAGCCAATGACACATATACAGTCAAATAAGTCCCATGTCTGCCTTTGTAGA
 CAATCATCATGAATGGTCCGGTTCAGCGGGAGGATCCTCGGCCCTTGCAGTGCATACACCAGTACTTGTG
 GACGCCTTCTTACGCGACCCCTTCTATAAGGCTCTTCTCAGAATCCTGTGTGACCTGAGTGTGCTGGAAT
 ACCTTGATGAGGAGTCCACCAGAGCCTTCAGTGGATGAAAGACAATGACATCCATGACATCCTGGACCT
 CACGTTCACTGTGAATGAAGAAGTTTTTGGCAGATTACTGAACGAGAGTTAAAACCCAGGGGAGCCAAAT
 ATTCCAGTACAGAGAAGAACAAGAAGGAGTACATCGAGAGAATGGTGAAGTGGAGGATCGAGAGGGGTG
 TGGTGCAGCAGACAGAGCCTAGTTCGTGGTTTCTACGAGGTAGTAGATGCCAGGCTAGTGTCTGTCTT
 TGATGCGAGAGAGCTGGAAGTGGTTCATTGCCGGCAGAGCTGAGATAGATCTCAATGACTGGAGAAAACA
 ACTGAATACAGAGGGGGTACCATGACAATCACATTGTAATTGCGTGGTCTGGGCTGCAGTGGAAAGAT
 TCAACAATGAACAACGACTAAGGTTGTTACAGTTTGTACAGGCACATCCAGCATTCCCTATGAAGGATT
 CGCTTCTCTCCGAGGGAGTAATGGTCCAAGAAGATTCTGTGTGAAAAAATGGGAAAAATCACCGCTCTT
 CCCAGAGCCACACTTGTTTAAACCGCTGGATCTGCCTCCATACCCTTCTTTTCCATGCTTTATGAAA
 AACTCTTGACAGCAGTTGAAGAGACCAGTACCTTTGGACTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001001883

Insert Size:	4737 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_001001883.3</u> , <u>NP_001001883.1</u>
RefSeq Size:	11179 bp
RefSeq ORF:	4737 bp
Locus ID:	329152
UniProt ID:	<u>Q6I6G8</u>
Cytogenetics:	1 C1.1
Gene Summary:	E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73. Involved in the regulation of mitotic metaphase/anaphase transition.[UniProtKB/Swiss-Prot Function]