

Product datasheet for RN202525

Hecw2 (NM_001108218) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hecw2 (NM_001108218) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hecw2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202525 representing NM_001108218 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGCAAGCTCAGCCCGGGAGCATTGCTTTTTGTGCGGGCTCGAAATCCACAGATGCGGTACACACTGA
GCCCAGAGAACCTTCAGAGCCTCGCAACCCAGAACTCAATGCCCGAGAACATGGCCCTGCAGCGAGCCAA
CAGTGACACCCGACCTCGTGACCTCCGAGAGCCGCTCCAGCCTGACTGCCAGCATGTATGAGTACACACTG
GGGCAAGCCAGAACCTCATTATCTTCTGGGACATTAAGGAAGAGGTTGACCCACAGCATTGGATCGGAC
TCTATCACATAGACGAGAATTCTCCAGCCAACCTCTGGGATTCTAAAAACAGGGCGTGACTGGAACCCA
AAAAGGACAAATTGTATGGCGGATTGAGCCCGGCCCTACTTCATGGAACCGGAGATCAAAATCTGTTTC
AAATACTACCATGGCATTAGCGGAGCCCTGCGAGCCACAACCCCTGTATTACTGTGAAGAACCCGGCTG
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CACATTGTCAGATCTCAGGGCAGTTGGGCTCAAGAAAGGGATGTTCTTCAATCCTGACCCTTATCTTAAG
ATGTCCATTAGCCAGGGAAGAAGAGCAGTTTCCCTACCTGTGCCACCACGGGCAGGAGAGAAGATCCA
CTATCATCAGTAACACCACCAATCCAATCTGGCACAGAGAGAAATACTCCTTTTTTGCACTTTTGACCGA
TGTCTTAGAAATTGAAATCAAAGACAAATTTGCCAAGAGCCGGCCATCATCAAACGCTTCTGGGAAAA
TTAACCATTCCAGTGCAGAGGCTGTTGGAGAGGCAAGGCTGTCGGTGACCAGATGCTCAGCTACAACCTTG
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GGAAGATGCATCTCCAGAGGCCGTTGGCACCATCCTCGGTGTCCACACTGTGAATGGAGACCTGGGCAGC
CCTTCTGATGATGAGGACATGCCAGGGAGCCATCATGACAGCACCATTTGTGCTAACGGGCCAGTGTCTG
AGGACAGTGTGCTGACGGAACCCCAAGCATTCTTTCAGGACTAGCTCTACCCTGGAGATTGACACAGA
GGACTTGATCTCTACTTCTTCAAGAAATCACCCCCAGGGCCGCCAGGATTCACTCAATGATTACTTA
GATGCTATTGAACACAATGGCCCTCTAGGCCAGGGACAGCCTCCTCCTGAGCGGCCATGGGAGCCT
CTCCAAACTGAGGAGTAGTTTTCCACTGACACCAGACTCAATGCGATGCTTCATATAGACTCAGATGA
AGAAGACCATGATTTTTCAGCAAGACCTAGGCTACCCATCCTCCTTGGAGGAGGAAGGAGGCTGATCATG
TGCAGCAGGACATCGAGGATCGATGATGGGAGCCTGACGTCTCAGACCAAACAGAGGATGACAACCCTG
TTGAGAACGAGGATGCCTCCGTACATGAACTGCTTCTTAGAGGAGAGGCCAGAGAATCTTCCCGAGGT
TGAAGATGGCTCCTTGCCGTCAGGTACAGCCCTGATGAAATGAAGCCAGCGTAGAGCCTCAGCCAGT



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GCTGACCAGGGCAGCACTGAATTGTGTAGCTCTCAAGAAGTCGATCAGCCACAAGTGGCACGGACGCAG
 GAGTTCTGACACATCTGTAGGAAGCCGCAGAGCTGCCAGTGAGACTGAGTCCCTGGACCAGGGATCCGA
 ACCTTCCCAGGTGTCCTCTGAGACAGAACCAGTGACCCTGCAAGGACAGAGAGTGTGAGTGAGGCCAGT
 ACCAGACCCGAGGGAGAGAGTGACTGGAAGGTGCAGACAGCTCATGCAATGAGAGCGTGACCACACAGC
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 AAGCTACTGCTTTATCTGAGCAGGGGAGCTGGGGAGGTCTGGCAGAGGAGGGGAGTCTTGAGGGAGC
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 GGTGCCTGCAAGGGGCCACCGCTCAGGAGGAGGGCGCCACTGGAGTTCTCAAACCAATGGCCATCAGC
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 CCCACTCTACCTCCAGATCCAGGCTCAGCTGCTGTTACAGTCCGCCCTGTGAAGTCCCTCATCAGCC
 CAGAGTTCTTACCCTGCTGCATTCTAACCCCTAGTGCCTACCGCATGTTTACAAACAACAGTGTGTTGAA
 GCATGATACCAAAGTCCGGGGGACACCCACCACTTTGAACGCTATCAGCATAACAGGGACCTCGTG
 GGATTCCTCAACATGTTTGCTAACAAACAGCTGGAACACCAAGGGGCTGGGAGATGAAACACGATCATC
 AGGGCAAGGCATTTTTTGTGACCAAACTCCCGAACCCACGTTTCATTGATCCTCGGCTCCCACCTTCA
 GAGCAGTAGGCCACGAGTGCCTGGTTCATCGACAACACTGACGAGGCAACGCAGTACAGCGCGGGT
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 TCAGTAGGCCACAGTACCAGGACATGGTCCAGTGGCCTACAATGACAAAATTGTTGCGTTTTGCGTCA
 ACCTAACATCCTTGAAATCTGCAAGAGGCTCAACCTGATCTTGCCAGAAACCACCTCAGGGGAAAG
 ATCCAATTTATCCGAACTGAAGGACCCCTGGATTGGTGCAGCTCTCAAGTATGATGATGATGATGATG
 TACTGAGCTTATTTGAGGAAGAAATAATGTCATATGTGCCTCCTCATGCCTTACTCCACCCAGCTACTG
 TCAGTCCCGCGTGGCTCCCCTGTGTCATCTCCCAGAATTCACCAGGTAAGTCCAGGCTGCAATGCCCGG
 GCTCCTGCACCTTACAAGAGAGATTTTGAAGCCAACTAAGGAACTTTTATAGGAAGTTAGAAACTAAAG
 GATACGGACAAGGCCAGGAAAATTAAGTTAATTATCCGAGAGACCCTTGTGGAAGATGCTTTTAA
 TCAGATTATGGGCTACTCCAGAAAGACCTGCAGAGGAATAAAGTGTACGTCACCTTTGTCGGGGAGGAA
 GGTTGGATTACAGTGGGCTTCCAGAGAGTTTTTCTTCTGGTATCCCGAGAACTTTTAAACCCCTATT
 ACGGCTTATTTGAATATTCAGCCAATGACACATACACAGTACAAATAAGTCTATGTCTGCTTTGTAGA
 CAATCATCATGAATGGTTTCGATTTCAGTGGGAGGATCCTCGGTCTTGCATAATACACCAGTACTTGTG
 GACGCCTCTTTACGCGACCCCTCTATAAGGCTCTTCTCAGAATCCTGTGTGACCTGAGTGTGATGGAAT
 ACCTTGATGAGGAGTTCACCAGAGCCTTCAATGGATGAAAGACAATGACATCCATGACATCCTAGACCT
 CACGTTCACTGTGAACGAAGAAGTTTTTGGGCAGATTACTGAACGAGAGTTAAAACCCAGGGGAGCCAAT
 ATTCCAGTGACGGAGAAGAACAAGAAGGAGTACATTGAGAGGATGGTGAAGTGGAGGATTGAGAGGGCG
 TGGTGCAGCAGACAGAGAGCTTAGTCCGCGTTTTCTATGAGGTAGTAGATGCCAGGCTAGTGTCTGTCTT
 TGATGCAAGAACTGGAGCTGGTCAATGCTGGCACAGCTGAGATAGATCTCAATGACTGGAGAAACAAC
 ACTGAATACAGAGCGGGTACCATGACAATCACATTGTAATTCCGGTGGTTCTGGGCTGCAGTAGAACGAT
 TCAACAATGAACAACGACTAAGGTTGTTACAGTTGTTACAGGCACATCTAGCATTCCCTATGAAGGATT
 TGCTTCTCTCCGAGGAGTAATGGTCCAAGAAGATTCTGTGTGAAAAATGGGAAAAATCACCGCTCTT
 CCCAGAGCTCACAGTGTTTTAAACCGCTGGATCTCCCTCCATACCCTTCTTTTCCATGCTTTATGAAA
 AACTCTTGACAGCAGTTGAAGAGACCAGTACCTTCGGACTCGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001108218
 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_001108218.1</u> , <u>NP_001101688.1</u>
RefSeq Size:	5296 bp
RefSeq ORF:	4737 bp
Locus ID:	316395
Cytogenetics:	9q31