

Product datasheet for MR217597

Hecw2 (NM_001001883) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hecw2 (NM_001001883) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hecw2
Synonyms: A730039N16Rik; D030049F17Rik; Gm971; mKIAA1301; Nedl2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR217597 representing NM_001001883
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

ATGGCTAGCTCAGCCCGGGAGCATTGCTTTTTGTGCGGCGTCGAAATCCACAGATGCGGTACACACTGA
GCCAGAGAACCCTCAGAGCCTGGCAGCCAGAACTCAATGCCCGAGAACATGGCCCTACAGCGGCCAA
CAGTGACACGGATCTGGTGACTTCTGAGAGCCGCTCCAGCCTGACTGCCAGCATGTACGAATACAGCTG
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AGAATGAGGATGCCTCTATACATGAAACTGCATCCTTAGAAGAGAGGCTGGAGAATCTTCCAGAGTTGC
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ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >MR217597 representing NM_001001883
 Red=Cloning site Green=Tags(s)

MASSAREHLLFVRRRNPQMRYTLSPENLQSLAAQNSMPENMALQRANSDDLVTSESRSSLTASMYEYTL
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 LTIPVQRLLERQAGDQMLSYNLGRRLPADHVSQYLQFKVEVTSSAHEDASPEAVGTILGVHTVNGDLGSP
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 APAPYKRDFEAKLRNFYRKLETKGYGQGPGLKLIIRRDHLLDAFNQIMGYSRDLQRNKLVTYFVGGEE
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 DAFFTRPFYKALLRILCDLSDLEYLDEEFHQSLQWMDNDIHDILDLTFTVNEEVFGQITERELKPGGAN
 IPVTEKNKKEYIERMVKWRIERGVSQTESLVRGFYEVVDARLVSVFDARELELVIAGTAEIDLNDWRNN
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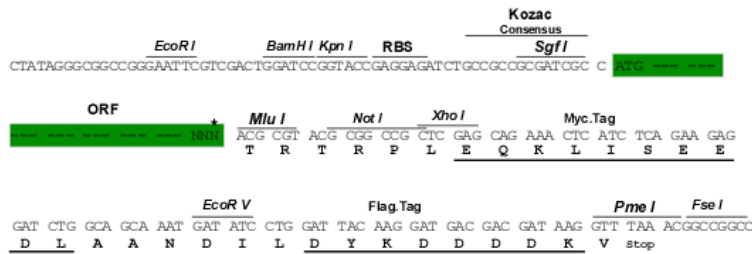
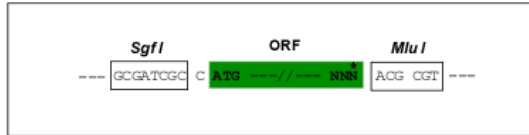
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Restriction Sites:

SgfI-MluI

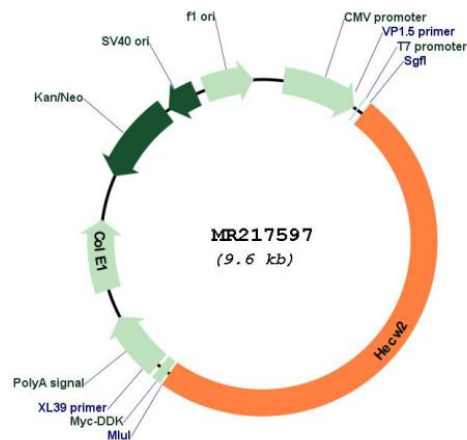
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001001883

ORF Size: 4734 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001001883.3](#), [NP_001001883.1](#)

RefSeq Size:	11179 bp
RefSeq ORF:	4737 bp
Locus ID:	329152
UniProt ID:	Q6I6G8
Cytogenetics:	1 C1.1
MW:	176.7 kDa
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]