

## Product datasheet for **RN216405**

### Hey2 (NM\_130417) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hey2 (NM\_130417) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hey2  
**Synonyms:** Herp1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216405 representing NM\_130417  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGAAGCGCCCTTGCAGGAGACGACCTCTGAAAGCGACCTAGACGAGACCATCGACGTGGGGAGCGAGA  
ACAATTACTCCGGGCACAGTGAAGCTCAGTGATGAGGTCCAATTCACCTACAACCACCTCTCAGATTAT  
GGCAAGAAAGAAAAGGAGAGGGATCATAGAAAAAGGGTCGGGATCGAATAAATAACAGTTTATCTGAA  
TTGAGAAGACTAGTGCCAACAGCTTTTGAAAAACAAGGATCTGCCAAGTTGAAAAAGGCTGAAATTTCTGC  
AAATGACAGTGGATCATTGAAGATGCTCCAGGCAACAGGGGGAAAGGCTACTTTGACGCCCATGCCCT  
TGCCACGGACTTTATGAGCATTGGATTCCGAGAATGCTTGACAGAAGTGGCGAGGTACCTAAGCTCTGTG  
GAAGGCCTTGACCCTTCGGACCCACTACGCGTGCCTTGTCTCTCATCTCAGCACCTGTGCCTCCCAGC  
GGGAGGCAGCAGTGATGACATCCTCCATGTCCCACCACCATCACCCCTGCACCCTCACCACTGGGCAGC  
GGCCTTCCACCATCTCCCACATCCCTGCTCCAACCAATGGACTCCACACATCAGAGTCAACGCCATGT  
CAGATTCTGCTTTCGAGTCCATCAACGGGCACCGTGCACCCTGCGTGCACCTCTCTCCACCTCTCT  
CCTGTCTTTTACGTAAGTGTGATGCCGAGCAGCAGCGGCCACCGCAGCTGCACACAGCTTCCCTCTG  
TCCTTCGAGGGGCTTTCCATGCTCCATCCAATGCAGCAGCAGCCGCCGCGGTTGCCGCTGCAACAG  
CAATCAGCCCACCGTTATCAGTGTCTGCAGCCTCCAGTCTCAGCAGACAAGCAGTGAACAAACAGTAA  
ACCTTACCGACCCTGGGGACAGAAGTTGGAGCCTTT**TAA**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_130417



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<b>Insert Size:</b>	1020 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_130417.1</a></u> , <u><a href="#">NP_569101.1</a></u>
<b>RefSeq Size:</b>	2421 bp
<b>RefSeq ORF:</b>	1020 bp
<b>Locus ID:</b>	155430
<b>Cytogenetics:</b>	1p11
<b>Gene Summary:</b>	basic helix-loop-helix transcriptional repressor; primary target of Notch [RGD, Feb 2006]