

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216405 representing NM_130417 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCGCCCTTGCAGGAGACGACCTCTGAAAGCGACCTAGACGAGACCATCGACGTGGGGAGCGAGA
ACAATTACTCCGGGCACAGTGCAAGCTCAGTGATGAGGTCCAATTCACCTACAACCACCTCTCAGATTAT
GGCAAGAAAGAAAAGGAGAGGGATCATAGAAAAAGGCGTCGGGATCGAATAAATAACAGTTTATCTGAA
TTGAGAAGACTAGTGCCAACAGCTTTTAAAAACAAGGATCTGCCAAGTTGAAAAGGCTGAAATTTCTGC
AAATGACAGTGGATCATTGAAGATGCTCCAGGCAACAGGGGGAAAGGCTACTTTGACGCCCATGCCCT
TGCCACGACTTTATGAGCATTGGATTCCGAGAATGCTTGACAGAAGTGGCGAGGTACCTAAGCTCTGTG
GAAGGCCTTGACCCTTCGGACCCACTACGCGTGCCTTGTCTCTCATCTCAGCACCTGTGCCTCCCAGC
GGGAGGCAGCAGTGATGACATCCTCCATGTCCCACCACCATCACCCCTGCACCCTCACCACTGGGCAGC
GGCCTTCACCATCTCCACATCCCTGCTCCAACCAATGGACTCCACACATCAGAGTCAACGCCATGT
CGCCTATCCAGTCTTCAGAAGTGCTCCTGCTCATGGCTCTGCCCTCCTCACAGCAACATTTGCCCATG
CAGATTCTGCTCTTCGGATGCCATCAACGGGCACCGTCGCACCCTGCGTCCACCTCTCTCCACCTCTCT
CCTGTCTCTTTTCAGCTACTGTGCATGCCGACGACGAGCGGCCACCGCAGCTGCACACAGCTTCCCTCTG
TCCTTCGACGGGCGCTTCCCATGCTCCCATCCAATGCAGCAGCAGCCGCGGTTGCCGCTGCAACAG
CAATCAGCCCACCGTTATCAGTGTCTGCAGCCTCCAGTCTCAGCAGACAAGCAGTGAACAAACAGTAA
ACCTTACCGACCCTGGGGACAGAAGTTGGAGCCTTT**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_130417
Insert Size:	1020 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_130417.1</u> , <u>NP_569101.1</u>
RefSeq Size:	2421 bp
RefSeq ORF:	1020 bp
Locus ID:	155430
Cytogenetics:	1p11
Gene Summary:	basic helix-loop-helix transcriptional repressor; primary target of Notch [RGD, Feb 2006]