

Product datasheet for **RR201879**

Haus8 (NM_001024971) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Haus8 (NM_001024971) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Haus8
Synonyms:	Ny-sar-48; RGD1311565
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201879 representing NM_001024971 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGTGCTCAGAGCGGGACGCAGGGAAGCCTGCAGCCTCTGGTGCAGGTGCTGTTCCCAAGACAA
 AGGGAAGGAAAGTACAAGGAGGAAGAGTGGTCGAGTCCCGGTACCTGCAATATGACAAGAAAACAAAGAA
 GGTTTCTGTAGCAGCCAAAGGAGAGAAGCCCCACCGAGGGAAGGAAGGCCAGCACAGTGCCTAGGAGC
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 CACCAGACCTAGACCTTTCTGCTATTGACGACAAAAGCATGTCCAGGAAGGCTCCCGAGTAGAAAGGTC
 AGTGGCAGGAACTGATAAGTCCACATCCCTTTTGAGACCTGACCAAAAAAGGACACTTCGAAAGAAAAGA
 CGGGATCTGCAGGAGACCATGGACATGATGGAGTCGCAGACGCTGCTGATGACCTGCTGTCTGTGAAGG
 TGGAGAACAACCTGGCTCTGCTGGAGGAGAAGGCGGAGAAGGACTTGGCAGCCATGTGCCATGAGAAGGA
 GAGGCTGCAGAGGCAGGCACTGGAGCTGAGGCGTCAGCTGCTTCTCAGACAGAAACATCAGGAGCTGGCG
 GCTGCCCTGGATGCCAGACTGAGGTGCTGAGCCCTCTCCGCTGTGTTAGAGCGCTTCAAAGAGGAAT
 ACAAGACACTGGGCAGAGCCCTGGACACCACGAGGCACGAGCTGTCCATGCAGGCCGTCCACATGGAAGG
 AAGTGGCAGGAGCTCCTAGATGATCTGGAGCCAGCCCTGAGGACCACCTGCAGCTCCTGGGTGATCTG
 AGCATCTGCTCCCAGAAGACAGTGCACAGGTGCAGGGGCCAGCAGCAGCAGCCTGGGGCCAGTGCAC
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 CAGCCAGGTGGTGAACCTTCTCCAGGCCAGTAAAGAGGCAGCTTTGACGAACCAGGAAGTCTGGGAA
 GAGGCACAGGGCACCTCACCAGCAGCCAGGGATACTTCAGTCCAGATGTCCGCAAGGACCACAGTCCCA
 CCCAGGACAGGACAAATTCCAGCAGTCTTGACCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RR201879 representing NM_001024971
 Red=Cloning site Green=Tags(s)

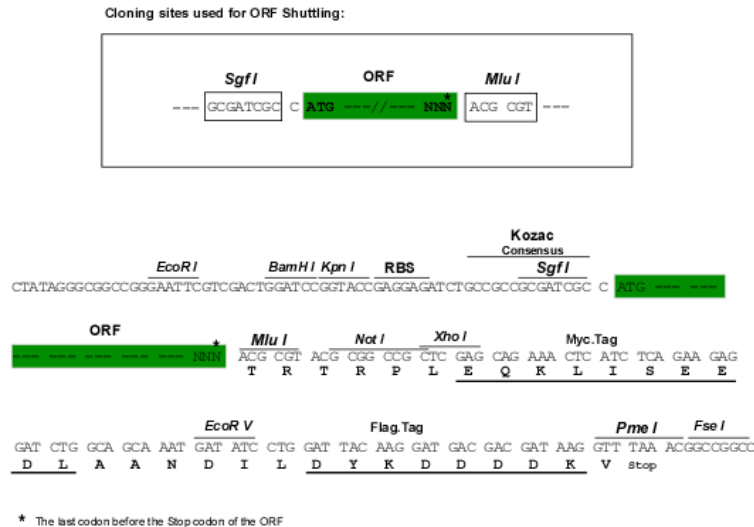
MAGASERDAGKPAASGAGAVPKTKGRKVQGGRRVVESRYLQYDKKTKKVSAAKGEKPPTEGRKASTVPRS
 REESKVMGTSNLQSTMLEGHGLNPPDLDL SAIDDKSMSRKAPQLERSVAGTDKSTSLRPDQKRTLKKR
 RDLQETMDMMESQTLMLTLLSVKVENNLALLEEKAEKDLAAMCHEKERLQRQALELRRQLLLRQKHQELA
 AALDAQTEVLSPLPPVLERFKEEYKTLGRALDTRHEL SMQAVHMEGSGQELLDDLEPALRTTLQLLGDL
 SICSPEDSAQVQGASTQQPGASALNCLLKELKGLVAEKDLELCRLVSQVVELSSQASKEAALTNQEVWE
 EAQGTLTSSQGYFSPDVRKDHSTQDRTNSSLDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001024971

ORF Size: 1155 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_001024971.2](#), [NP_001020142.2](#)

RefSeq Size: 1464 bp

RefSeq ORF: 1158 bp

Locus ID: 290626

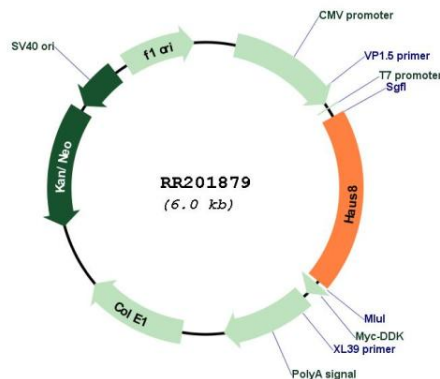
UniProt ID: [Q5BK57](#)

Cytogenetics: 16p14

MW: 42.3 kDa

Gene Summary: Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR201879