

Product datasheet for **RR209269**

Haus1 (NM_138864) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Haus1 (NM_138864) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Haus1
Synonyms:	Ccdc5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209269 representing NM_138864 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGCGGCGCTGGAGGAGAAAGCATCACAGGTCGCTGAGTGGTTGAAAAAGATATTTGGAGACCATCCCA
TTCCACAATATGAGATGAACGCACGGACGACAGAAATTTATATCACCTTCAGAACGCAACAGGGTCCG
GGACAGGGACGTCAACCTGGTAATAGAGGACTTAAGACAGAAAGCGAGTGAATATGAGTCGGAAGCCAAA
CGTCTTGAAGACTTTCTCATGGAGAGTGTGAATTTTTCCCTGCCAATCTGTCAAACACTGGTTCGCCGT
TTCTGAATGCATTGGTGGACAGTGCAATTGCCCTGGAAAATAAAAGATACGTCAGCAAGTTTTATCCC
CGCAGTGAACGATTTGACTTCTGACCTTTTTCGTACCAAATCCAAAAGTGAAGAAATCAAGCTTGAAGT
GGGAACTTGAAGAAGTCTGACGGCAACGTTGGTGTAGAAAAATGTCTCCGAGAAGACCTCAAGAAAG
CAGATGTGCACCTGTCTGCAGAAAGGGCCAAAGCCGAGGGCCGCTCCAGAACATGGACTTCTGAAAGC
CAAGGCGGCGGAGTTCGGTTTGGGATCCGAGCTGCAGAGGAGCAACTTTCATCCAGAGGCATGGACGCG
TCCCTGTCTCATCGTCACTAGTGGCACTTTAGACAACTTTTCGGAATTAACAGCAGACTATCCCTC
TGAAGAAGAAATTGGAGTCTATTTAGATCTAATGCCGAATCCATCTCTTGCTCAGGTGAAAAATGAAGA
GGCAAAGAGAGAATTAGATGCCATCGAGGCTGAACACAAAGAAAGTAGATATGATGGAGCTG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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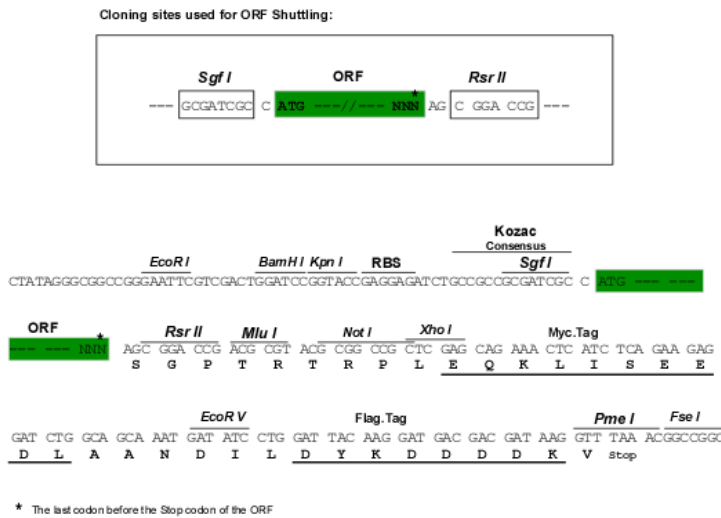
Protein Sequence: >RR209269 representing NM_138864
Red=Cloning site Green=Tags(s)

MAALEEKASQVAEWLKKIFGDHPQPQYEMNARTTEILYHLSERNRVRDRDNLVIEDLRQKASEYESEAK
 RLEDFLMESVNFSPANLSTGSRFLNALVDSAIALEIKDTSASFIPAVNDLTSDFRTKSKSEEIKLEL
 GKLEKNLTATLVLEKCLREDLKKADVHLSAERAKAEGRLQNMDFLKAKAAEFRFGIRAAEEQLSSRGMDA
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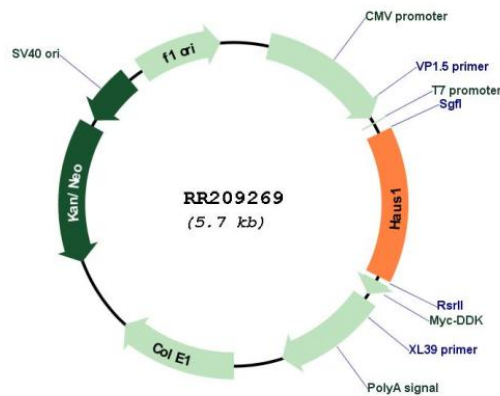
SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_138864
ORF Size: 834 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:	<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:	NM_138864.2 , NP_620219.2
RefSeq Size:	1598 bp
RefSeq ORF:	837 bp
Locus ID:	192228
UniProt ID:	Q9R0A8
Cytogenetics:	18q12.3
MW:	31.5 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]