

Product datasheet for **MG216935**

Haus8 (NM_029621) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Haus8
Synonyms:	2410004L22Rik; Hice1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG216935 representing NM_029621
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGATTCTCAGAGCGGGACGCAGGGAAAGTCTGCAGCTGCTGGTGTCTGTGCTGTTCCCAAGACAA
AGGGAAGGAGAGTGAAGGAAGAAGAGTGGTGGAGTCCCGGTATCTGCAATATGACAAGAAAGCAAAAAA
GGTTTCTGTAGCGGCCAAAGAAGAGAACCCACCTGAAGGAAGGAAAGCCAGCACAGTGCCTAGGAGCAGA
GAAGAGAGCCAAGTGTATGGGACAGGCAACCTGCAGTCTACCATGCTAGAAGGGCATGGCATGAATCCAC
CAGACCTAGACCTCTCTGCCATCGACGACAAAAATCTTGTCAGGAAGGCTTCTTGCCAGACAGGGAAAT
GACAGACAAAGCTAAGTCCACATCTTTTATCAGCTGTGACAAAAAAGAATCCTTCGGAAGAAGAGACGG
GATCTGCAGGAGACCATGGACATGATGGAGTACAGACACTGCTGATGACCCTGCTGTCTGTGAAGATGG
AGAACAACCTGGCTCTGCTGGAGGAGAGGGCAGAGAAAGACTTGGCAGCCATGTCCATGAGAAAGAGAG
GCTGCAGAGGCAGGCACTGGAGCTTCGGCGCCAGCTGCTTCTCCGGCAGAAACATCAGGAGCTGGCCGCC
ACCCCTTGATGCCAGATTGAGGTGCTGAGTCTTCCAGCCTGTGTTAGAGCGCTTCAAAGAGGAATACA
TGACACTGGCAGAGCCCTGGACACCACGCAGCATGAGCTGCCATGCAGGCTGTCCACATGGAAGGAAG
TGGCAGGAGCTCTAGATGATCTGGAGCCAGCCCTGAGGATCACCTGCAGCTCTGGGTGATCTGAGC
ATCTGCTCCCATATGCCACTGCACAGGTGCAGGGTGCCAGCGCACAGGAGCCTGGAGCCAGCACACAGC
TGAGTTGTCTGCTGAAGGAACTGAAGGGCTTGGTCACTGAGAAAGACCTGGAGCTCCGCAGACTTGTGAG
CCAGGTGGTGAACCTTCTCCAGGCCAGTAAAGAAGCAGCTTGTGATGAACCAGGAAGTCTGGGAAGAG
GCAGAGGGTGCCCTACCAGCAGCCAGTGGTACTTCAGTCCAGATGCCTGCAGGATGATAGTCCCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG216935 representing NM_029621
 Red=Cloning site Green=Tags(s)

MADSSERDAGKSAAGACAVPKTKGRRVQGRRVVESRYLQYDKKAKKVSVAAKEEKPPPEGRKASTVPRSR
 EESQVMGTGNLQSTMLEGHGMNPPDLDLAIDDKILSRKASWPDREMTDKAKSTSFISCDKKRILRKRKR
 DLQETMDMMESQTLMLTLLSVKMENNLALLEERAEKDLAAMCHEKERLQRQALELRRQLLRQKHQELAA
 TLDAQIEVLSPLQPVLERFKEEYMTLGRALDTRHELPMQAVHMEGSGQELDDLEPALRITLQLLDLS
 ICSPYATAQVQGASAEQPGASTQLSCLLKKELKGLVTEKDLELRRLVSQVVELSSQASKEAALMNQEVWEE
 AEGALTSSQWYFSPDACRDDSPS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_029621

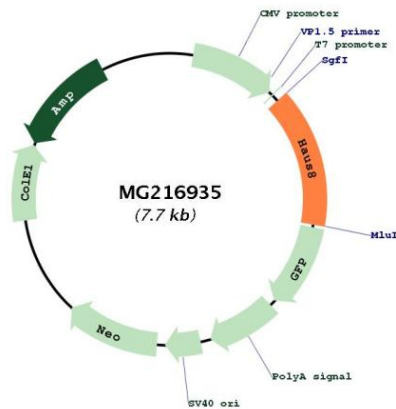
ORF Size: 1119 bp

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_029621.3 , NP_083897.2
RefSeq Size:	1683 bp
RefSeq ORF:	1119 bp
Locus ID:	76478
UniProt ID:	Q99L00
Cytogenetics:	8 B3.3
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 MG216935