

Product datasheet for MR228479

Haus2 (NM_001290807) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Haus2 (NM_001290807) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Haus2
Synonyms: 1700101G24Rik; 2410007P03Rik; AU020217; Cep27
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228479 representing NM_001290807
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTAGATGTATCTAAGAAAATGGCTCCTTGCTTTGTGAACCTTTCCAGATTACAACAGATCTCAGATA
 TTCAAGCTGAAATCTACCAGAACAATCTGGAACCTTGAACCTTTGAAGCTAGAAAAGGATACAGCAGATCT
 TATTCATCCTTCCCATTGATTGAGAAATGTGATGTTCTGCAAAGCATGAATAATCATCTGGAAGCAGTG
 CTAAGAGAGAAGCATGCCATCAGGCAAAGACTGCTGAGACCCATGTGCCAGGAGAACTTGCATTGGAAG
 CTGTTTATCAGATATGTGGTACATATGTTGGATCTGGCTGTGACTTTCATTGAGAAAATTTGAAACCCA
 TCTTGAACAGTTAAAAATAGCCCTCATTTAGACGCAAACCTAAAGCAAATGAGCAAAGCTTTAGCCAAG
 ATGGATATTTGGTGAACAAGACAGAAGAACTGGCAGAGAATACTCAAGTGGCGAGAAGTACAAACAG
 AAATTTCTTGTATATCCCCAAATGCTAACTGAAGAAGCCATCTTCATGAACTTGACATAGTGCCCTCC
 TTTACCTTTTTTCTAAGGCTCACACCGAAACCTCCAGGGCCAAG

ACGCGTACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228479 representing NM_001290807
 Red=Cloning site Green=Tags(s)

MLDVSKKMAPCFVNFVSRLLQIISDIQAEIYQNNLELELLKLEKDTADLIHPSHLIEKCDVLSMNNHLEAV
 LKEKHAIRQRLRPMQENLPLEAVYHRYVVHMLDLAVTFIEKFETHLETVKNSPHLDANLKQMSKALAK
 MDILVNKTEELAENILKWRELQTEISLYIPKMLTEERHLHELDIVPPLPFFPKAHTETSRAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

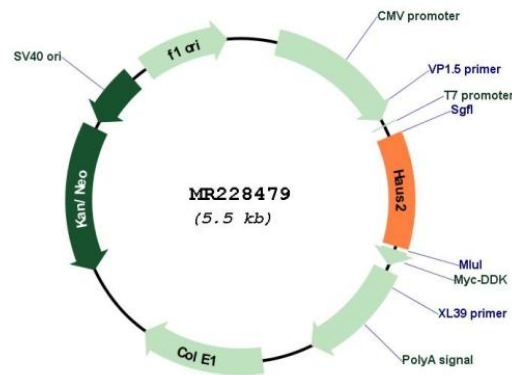


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001290807

ORF Size: 606 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_001290807.1](#), [NP_001277736.1](#)

RefSeq Size: 3070 bp

RefSeq ORF: 609 bp

Locus ID: 66296

UniProt ID: [Q9CQS9](#)

Cytogenetics: 2 E5

MW: 24.1 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]