

Product datasheet for MC225863

Haus2 (NM_001290808) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Haus2 (NM_001290808) Mouse Untagged Clone
Tag: Tag Free
Symbol: Haus2
Synonyms: 1700101G24Rik; 2410007P03Rik; AU020217; Cep27
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC225863 representing NM_001290808
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATAATCATCTGGAAGCAGTGCTAAAAGAGAAGCATGCCATCAGGCAAAGACTGCTGAGACCCATGT
 GCCAGGAGAACTTGCCATTGGAAGCTGTTATCACAGATATGTGGTACATATGTTGGATCTGGCTGTGAC
 TTTCATTGAGAAATTTGAAACCCATCTTGAAACAGTTAAAAATAGCCCTCATTTAGACGCAAACCTAAAG
 CAAATGAGCAAAGCTTTAGCCAAGATGGATATTTTGGTGAACAAGACAGAAGAACTGGCAGAGAATATAC
 TCAAGTGGCGAGAACTACAAACAGAAATTCCTTGTATATCCCCAAAATGCTAACTGAAGAACGCCATCT
 TCATGAACCTTGACATAGTCCTCCTTTACCTTTTTTCTTAAGGCTCACACCGAAACCTCCAGGGCCAAG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290808
Insert Size: 423 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001290808.1 , NP_001277737.1
RefSeq Size:	3100 bp
RefSeq ORF:	423 bp
Locus ID:	66296
Cytogenetics:	2 E5
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an alternate exon in the 5' region, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>