

Product datasheet for **MR208980**

Haus3 (NM_146159) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Haus3
Synonyms:	D4S43h; D5H4S43; D5H4S43E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR208980 representing NM_146159
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAACCGTTGGCACCCTATACGCTCTCCAAGCGCCACTTCGTCCTTGTTGTTGTCT
 TCTTCATCTGTTTGGACTGACCGTCTTCGTCGGCATCGAGGGACCCAGAGTGATCGAGACTTTGCCTGC
 TAATTATCACTCAATAGTAGCAAAAGCTAAAGACAGTTATACCTTCAAACCCACTGTCCACATATAAC
 CAACAACATAGGCTGATGTGCGTTGTGGAGCTGGAGCCCTCAGAAGAAACATCCATCCAAACCAGCTTCA
 CCATGACAGTGAAGGTCGATGGTGTGTCTCAAGATGGAACACGACGTACATCCATAACAAGGTTACAA
 CCGGACGAGGACCCTCACGTGTGCAGGAAATGTGCAGAAATCATCGTGGCCACCTTGGCTACCTGAAT
 TACACACAGTACAGGGTACTGTGGGTTTGTAGCACCTGAACACGCCATCAAGGATATGAACCTTACGT
 GGAAGACATACAACCTGCGTTTTCCCGGCTGGAGATCTGGTTCACCTCGTGTGTGGTGTCTCACCTT
 CATCGTGATTTGCCTGTTGTACATTCCTGCGCAAGTTCTCCATGAGGACTGGGCATCGAGCAGAAG
 TGGATGTCTGCTCCTGGCCCTGCTGCTCTACAATGACCCCTTCTTCCCACTCTCCTTCTTGGTGA
 ATAGCTGGTCCCAGGATGCTGGACGACTTCTCCAGTCTCTGTTCTGTGCTGCTGCTCTTCTG
 GCTGTGCGTGTATCATGGGATACGGGTCCAGGGAGAGAGAAATGTTAACTTTCTATTGCTAAGTTC
 TTCATCGTTGGACTGCTGTGGCTGGCTTCTGTCACTCTGGGAATATGGCAGACATTTAATGAATTAATG
 ATCCCATGTACCATGATCGGGTTGACACCGGAACTTTCAGGGCATGAAGGTCTTCTTCATGGTGGTGGC
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 AGCTGAATTCCTGTCTTCTATGGCCTGTTGAACCTTTACTTGTACACGCTGGCCTTTGTGTACTCTCG
 TCGAAGAATGCCCTGTACGAGTCCCAGCTGAAGGATAACCCCTGCGTTTTCCATGTTGAACGACTCTGACG
 ATGACGTGATTTACGGGAGTGACTATGAAGAAATGCCCTGCAGAACGGCCAGGCCATCCGTGCCAAGTG
 CAGGAAGAGTCGGACAGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208980 representing NM_146159
 Red=Cloning site Green=Tags(s)

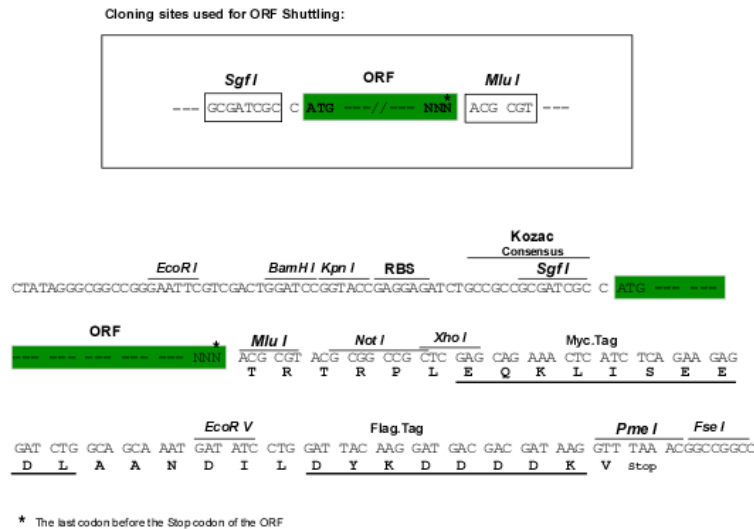
MEPLAPMRLYTLKRHFVLVFVFFICFGLTVFVGIEGPRVIETLPANYSLNSSKKLKTIVIPSNPLSTYN
 QQLWLMCVVELEPSEETSIQTSFTMTVKVDGVSQDGTTTYIHNKVHNRTRLTACAGKCAEIIVAHLGYLN
 YTQYRVTVGFEHLNQPIKDMNFTWKTYNPAFSLRIWFHFVFVLTFFIVICLFVHSLRKFSMRDWGIEQK
 WMSVLLALLLLYNDPFFPLSFLVNSWFPGLDDFFQSLFLCALLLFWLCVYHGIRVQGERKCLTFYLPKF
 FIVGLLWLASVTLGIWQTFNELNDPMYQYRVDTGNFQGMKVFFMVVAAYVILYLLFLIVRACSELRHMPY
 VDLRLKFLTALTFVVLVISIVILYLRFGAQLQDNFVAELSAHYQNSAEFLSFYGLLNFYLYTLAFVYSP
 SKNALYESQLKDNPAFSLNDSDDVIYGSDEEMPLQNGQAIRAKCREESDSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9017_a06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_146159

ORF Size: 1422 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.

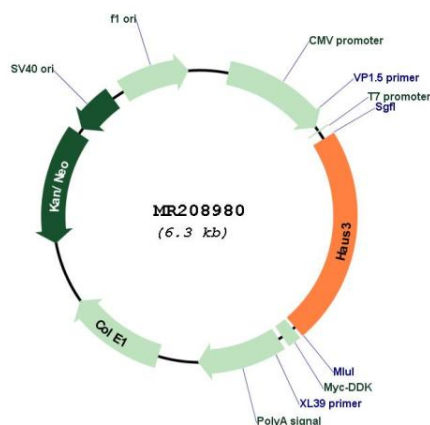
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq Size: 1980 bp

RefSeq ORF: 1713 bp

Locus ID:	231123
UniProt ID:	Q8QZX2
Cytogenetics:	5 17.84 cM
MW:	66.8 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 MR208980