

Product datasheet for SC113968

HAUS4 (NM_017815) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAUS4 (NM_017815) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAUS4
Synonyms:	C14orf94
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113968 sequence for NM_017815 edited (data generated by NextGen Sequencing) <pre> ATGGCATCCGGGATTTCTGCTCACCTGGAGAAGGGATGGAAATACTTCAACAAGTGTC AGCAAACAACCTTCTCCTTGTAACCTGAGTAAAGAGGACCTGTTACAGAACCCATACTTC AGCAAGCTTCTCCTGAATCTCTCACAGCATGTGGATGAGAGTGGCTTAAGCCTCACCCCTA GCAAAGGAGCAGGCTCAGGCATGGAAGGAAGTTCGACTGCATAAGACAACATGGTTGAGG TCTGAGATTTTACACAGAGTCATTCAAGAGTTGCTTGTGGACTACTATGTGAAGATACAA GACACAAATGTAACCTTCTGAGGACAAAAAGTTTCATGAGACCCTTGAACAGCGGCTGCTT GTAACCTGAACCTGATGCGGCTCTTAGGTCCTAGCCAGGAGAGGGAGATACCTCCACTGCTG GGGCTGGAGAAAGCGGACCTTCTGGAACCTATGCCACTCTCAGAGGATTTTGTGTGGATG AGGGCTCGGCTACAGCAAGAAGTAGAGGAGCAGCTCAAAAAGAAATGTTTCACTCTGCTC TGCTACTATGATCCCAATTCAGATGCTGACAGTGAAACCGTGAAGGCAGCAAAGGTGTGG AAACTCGCAGAGGTCTTGGTGGGTGAGCAGCAGCAGTGCCAGGATGCCAAGAGCCAGCAG AAGGAGCAGATGTTGCTGCTGGAGAAGAAGAGTGCTGCTTACTCCAGGTGCTTCTCCGC TGCCTCACTTTGCTGCAGAGGCTTCTTCAAGAACACCGGCTGAAGACTCAATCCGAGCTA GACCGCATCAATGCCAGTACCTGGAAGTCAAGTGCGGTGCTATGATCCTTAAGCTGAGG ATGGAGGAGCTAAAGATTTTGTCCGACACTTACACTGTTGAGAAAGTGGAAGTTTCATCGT CTGATTAGGGACCGTTTGGAGGGAGCCATTACCTACAGGAGCAGGACATGGAGAACTCA AGACAGGTCCTGAACTCCTATGAGGTCTTGGGAGGAGTTTGACAGGCTGGTGAAGAG TACACCGTACTCAAGCAGGCAACAGAGAACAAGCGGTGGGCCCTCCAGGAGTTCAGCAAG GTCTACCGTTGA </pre>

Clone variation with respect to NM_017815.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017815 unedited
 GTTCAGATTTGTATACGACTCCTATAGGCGGCCGCGCAATTCGCACGAGGTCTTTCCGGG
 CCTCGCTTCCCCAGCCCTGCGCCCGGCCGAACGAGAGGTTCCGGAGCCCCGGCGCGG
 GCGGGTCTGGGGTGTAGACGCTGCTGGCCAGCCCGCCAGCCGAGGTTCTCGGCACCG
 CCTTGAGAGCTTCAGCTGCCCCAGGGGTGTCAGATTAGAATCCCAAGAAAATCAAATGGC
 ATCCGGGGATTCTGCTCACCTGGAGAAGGGATGAAATACTTCAACAAGTGTGCAGCAA
 ACAACTTCCTCCTGTAACTGAGTAAAGAGGACCTGTTACAGAACCCTACTTCAGCAA
 GCTTCTCCTGAATCTCTACAGCATGTGGATGAGAGTGGCTTAAGCCTCACCTAGCAAA
 GGAGCAGGCTCAGGCATGGAAGGAAGTTCGACTGCATAAGACAACATGGTTGAGGTCTGA
 GATTTTACACAGAGTCATTCAAGAGTTGCTTGTGGACTACTATGTGAAGATACAAGACAC
 AAATGTAACCTTCTGAGGACAAAAAGTTTCATGAGACCCTTGAACAGCGGCTGCTTGTAA
 TGAAGTATGCGGCTCTTAGGTCTAGCCAGGAGAGGGAGATACCTCCACTGCTGGGGCT
 GGAGAAAGCGGACCTTCTGGAACCTCATGCCACTCTCAGAGGATTNTGTGTGGATGAGGGC
 TNCGCTACAGCAAGAAGTAGAGGAGCAGCTCANAAAGAATGTTTACTCTGCTCTGCTACT
 ATGATCCCCATTAGATGCTGACAGTGAACCCGTGAAAGCAGCAAAGGTGTGAAACTCG
 CCAGAGTCCCTGGTGGGTGAGCAGCAGCAGTGCAGGATGCCAAGAGCCAGCAAAGGAGC
 ANNATGTGCTGCTGGAGAAAAAATG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017815 unedited
 GACCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTATAATAT
 CATAACTTTATTCAGGAGATAATCAAATACAATACAGGGCTGACACTGACACACAGCTAT
 GCATAAAATTATATAAATCTCCTTGCTAAATTTTCAAAAAAGGCCAGTCTTAAAAAA
 TAAAGAGAAACCAGGAGAGGGCCTAAATGACTGCAGGGTTTCAAGCGTAAGCATTTCAC
 ACTCCCTTGTACTGAAGGCAGCCCGAGGTGAAGGGGGTCCCACTACCAGGAAAATTAGGA
 GGCAGCAGCTATGCAAAAGCCATGTTTCCTGGCCCTGCCAAAGCTCAACGGTAAACCTTG
 CTGAACTCCTGGAGGGCCACCGCTTGTTCTCTGTTGCCTGCTTGAAGTACGGGGTACTCT
 TTCACAGCCTGTCAAATCCTCCCAAGGACCTCATAGGAGTTCAGGACCTGTCTTGAG
 TTCTCCATGTCTGCTCCTGTAGGGGAATGGCTCCCTCCAAACGGTCCCTAATCAAACGA
 TGAAGTCCACTTTCTCAACAGTGAAGTGTGCGACAAATCTTAGCTCCTCCATCCTC
 AGCTTAAGGATCATAGCACCGCACTTGACTTCCAGGTACTGGGCATTGATGCGGTCTAGC
 TCGGATTGAGTCTTCAGCCCGGTGTTCTTGAAGAAGCCTCTGCAGCAAAGTGAGGCAGCG
 GAAAAGCACCTGGGAGTAAGCAGCACTCTNTTTTCCAGCAGAACATCTGCNTCTCTGC
 TGGCTCTTGATCCTGGCACTGCTGCTGCTACCCACCAGGACTTTGCGAGTTCCCACTT
 TGCTGCCTTACGGTTTACTGTACATCTGATTGGACCATATCCAGACAAGGGAACATTCT
 TTTGAGCTGGTCTTCTCTG

Restriction Sites:

NotI-NotI

ACCN:

NM_017815

Insert Size:

1600 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).

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:	<u>NM_017815.1, NP_060285.1</u>
RefSeq Size:	1618 bp
RefSeq ORF:	1092 bp
Locus ID:	54930
UniProt ID:	<u>Q9H6D7</u>
Cytogenetics:	14q11.2
Gene Summary:	This gene encodes a subunit of the centrosome complex termed the human augmin complex. The encoded protein localizes to the spindle microtubules and may play a role in mitotic spindle assembly and maintenance of centrosome integrity during cell division. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq, Oct 2009] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (1).