

Product datasheet for **RC200173**

HAUS4 (NM_017815) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAUS4 (NM_017815) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HAUS4
Synonyms:	C14orf94
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200173 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCCGGGATTTCTGCTCACCTGGAGAAGGGATGGAAATACTTCAACAAGTGTGCAGCAAACAAC
TTCCTCCTTGTAACTGAGTAAAGAGGACCTGTTACAGAACCCATACTTCAGCAAGCTTCTCCTGAATCT
CTCACAGCATGTGGATGAGAGTGGCTTAAGCCTCACCTAGCAAAGGAGCAGGCTCAGGCATGGAAGGAA
GTTGACTGCATAAGACAACATGGTTGAGGCTGAGATTTACACAGAGTCATTCAAGAGTTGCTTGTGG
ACTACTATGTGAAGATAACAAGACACAAATGTAACCTCTGAGGACAAAAAGTTTCATGAGACCCCTGAACA
GCGGCTGCTTGAAGTGAAGTATGCGGCTCTTAGGTCCTAGCCAGGAGAGGGAGATACCTCCACTGCTG
GGGCTGGAGAAAGCGGACCTTCTGGAACCTCATGCCACTCTCAGAGGATTTTGTGTGGATGAGGGCTCGGC
TACAGCAAGAAGTAGAGGAGCAGCTCAAAAAGAAATGTTTCACTCTGCTCTGCTACTATGATCCCAATTC
AGATGCTGACAGTGAAACCGTGAAGGCAGCAAAGGTGTGGAACTCGCAGAGGTCCTGGTGGGTGAGCAG
CAGCAGTGCCAGGATGCCAAGAGCCAGCAGAAGGAGCAGATGTTGCTGCTGGAGAAGAAGAGTGTGCTT
ACTCCAGGTGCTTCTCCGCTGCCTCACTTTGCTGCAGAGGCTTCTTCAAGAACACCGGCTGAAGACTCA
ATCCGAGCTAGACCGCATCAATGCCAGTACCTGGAAGTCAAGTGCAGGCTGCTATGATCCTTAAGCTGAGG
ATGGAGGAGCTAAAGATTTTGTCCGACACTTACACTGTTGAGAAAGTGAAGTTTCATCGTCTGATTAGGG
ACCGTTTGGAGGGAGCCATTACCTACAGGAGCAGGACATGGAGAAGTCAAGACAGGTCCTGAAGCTCCTA
TGAGGTCCTTGGGAGGAGTTTACAGGCTGGTAAAAGAGTACACCGTACTCAAGCAGGCAACAGAGAAC
AAGCGGTGGGCCCTCCAGGAGTTCAGCAAGGTCTACCGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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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_017815.3](#)

RefSeq Size: 1649 bp

RefSeq ORF: 1092 bp

Locus ID: 54930

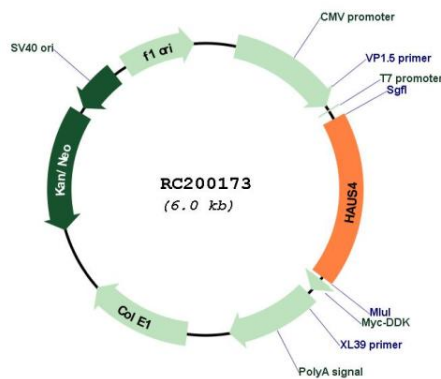
UniProt ID: [Q9H6D7](#)

Cytogenetics: 14q11.2

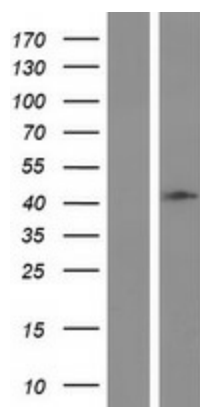
MW: 42.4 kDa

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]

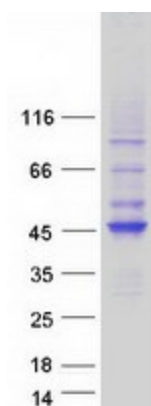
Product images:



Circular map for RC200173



Western blot validation of overexpression lysate (Cat# [LY413524]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200173 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified HAUS4 protein (Cat# [TP300173]). The protein was produced from HEK293T cells transfected with HAUS4 cDNA clone (Cat# RC200173) using MegaTran 2.0 (Cat# [TT210002]).