

Product datasheet for **SC316558**

HAUS5 (NM_015302) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAUS5 (NM_015302) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAUS5
Synonyms:	dgt5; KIAA0841
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC316558 representing NM_015302.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCTAGCGCAGGAAGCGCGGGAACCTGGGTTGCTGGGCGGTCTGAAGAGATGGGGGTGCCCGTGGCG
GCCCGGGCCCCGGAATCGACGCTGCGCAGGCTGTGTCTGGGCCAGGGGGCTGACATCTGGGCCTACATC
TTGCAGCATGTGCACAGTCAGAGGACTGTCAAGAAGATCCGGGGAAACCTACTCTGGTATGGCCACCAG
GACAGTCCACAGGTCCGTCGGAAGTTAGAGCTGGAAGCTGCTGTGACCCGCTGCGGGCAGAAATCCAG
GAACTCGACCAGAGCCTGGAGCTGATGGAGCGAGACACTGAGGCTCAGGACACGGCCATGGAGCAGGCA
CGTCAGCACACTCAAGACACCCAGCGTCGAGCTCTCTCTCCGGGCCAAGCTGGGGCCATGCGAAGA
CAGCAGCATACGCTCCGAGATCCATGCAGCGGCTGCAGAATCACTGAGGCGCTGCAGGACATGGAG
AGGAAAGCCAAAGTAGATGTGACCTTTGGATCCCTCACGTCGGCAGCTCTGGGCTGGAGCCCGTGGTC
CTGCGTGATGTCCGAACAGCCTGCACCCTCCGGGCCAGTTCTGCAGAACCTCTGCTTCCCCAGGCC
AAGAGGGGCAGCCTCCCAACCCCTCATGATGACCACTTTGGCACTTCGTACCAGCAGTGGCTGAGCTCA
GTGGAGACGCTGCTGACAAACACCCCCAGGCCACGTCCTGGCTGCCTTGGAGCACCTGGCTGCAGAG
CGGGAGGCAGAGATTCCGTCCCTGTGAGTGGGGATGGGCTTGGCGACACAGAGATATCCAGACCCAG
GCCCCGGACCACTCAGACTCCAGCCAGACCCTGCCGTCCATGGTTCATCTCATCCAGGAGGGCTGGCGG
ACTGTGGGTGTGCTGGTCTCCAGCGGAGCACCTCCTGAAGGAGCGGCAAGTCTTGACCCAGCGCTC
CAGGGCCTGGTGGAGGAGGTGGAGAGACGCTCCTGGGATCCAGTGAGAGGCAGGTGCTGATACTGGGG
CTTCGGCGCTGTTGCCTGTGGACGGAGCTCAAGGCCCTGCACGATCAGAGCCAGGAGCTGCAGGATGCA
GCTGGGCATCGCAGCTCCTGCTGAGGGAGCTACAGGCCAAACAGCAGCGGATCCTGCACTGGCGCCAG
CTGGTGGAGGAGACCCAGGAACAGTCCGCTGCTCATCAAGGGAACTCGGCCAGCAAGACCCGCTG
TGCCGGAGCCCGGGGAGGTGCTAGCTCTGGTCCAGCGAAAGGTGGTCCCTACATTTGAGGCACTGGCA
CCACAGAGCCGGGAGCTGCTGCGCTGTCTGGAGGAGGAAGTCCGGCATTGCCCCACATTCTGTTGGGC
ACGCTGCTGCGGCACAGGCCGGGAGAGTTGAAGCCCTGCCACGGTCTCCCATCCATCCACCAGCTG
CACCCCGCTCCCAAGGGGCTCCAGCTTCATAGCGTGAGCCACAAGCTGGGGCTGCCTCCAGGGAAG
GCCTCGGAGCTGCTCCTGCCGGCGGCTGCCTCTCTCGCCAGGACCTTCTGCTCCTGCAGGACCAGCGG
AGCCTCTGGTGTGGATCTACTCCACATGAAGACCAGCTGCCGCCAGGCTTCCACCCAGGAGCTG
CTGCAGATCCAGGCATCCAGGAAAAACAGCAGAAAGAGAACCTGGGGCAGGCTCTGAAGAGGCTGGAG
AAGCTACTGAAACAGGCACTGGAGCGAATCCCTGAGCTGCAGGGGATCGTGGGGACTGGTGGGAGCAG
CCAGGCCAGGCCGCCCTCTCTGAGGAGCTGTGCCAGGGCTGTCCCTGCCCAAGTGGCGGCTGCGCTGG
GTTTCAGGCCCAGGGGGCCTGCAGAAGCTGTGCAGCTGA
AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
```

Restriction Sites: Sgfl-RsrII

ACCN: NM_015302

Insert Size: 1902 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015302.1</u>
RefSeq Size:	4309 bp
RefSeq ORF:	1902 bp
Locus ID:	23354
UniProt ID:	<u>O94927</u>
Cytogenetics:	19q13.12
MW:	71.7 kDa
Gene Summary:	HAUS5 is 1 of 8 subunits of the 390-kD human augmin complex, or HAUS complex. The augmin complex was first identified in Drosophila, and its name comes from the Latin verb 'augmentare,' meaning 'to increase.' The augmin complex is a microtubule-binding complex involved in microtubule generation within the mitotic spindle and is vital to mitotic spindle assembly (Goshima et al., 2008 [PubMed 18443220]; Uehara et al., 2009 [PubMed 19369198]). [supplied by OMIM, Jun 2010]