

Product datasheet for SC305630

HAUS8 (NM_033417) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAUS8 (NM_033417) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAUS8
Synonyms:	DGT4; HICE1; NY-SAR-48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305630 representing NM_033417. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGGATTCTCGGGCGAGGCGCTGGGAAGCCTGCAACCGGCCCAAAATCTAGCAGTGCCAAG
 AAGAAGGATAAAAGAGTTCAAGTGGAAGAGTGATTGAGTCCCGGTATCTGCAGTATGAAAAGAAGACA
 ACCCAAAAGGCTCTGCAGGAGATGGGTACAGACCCGAGGGAAGATGTCTGAAGTGGAAGGAAATCC
 AGCCTGCTCCAGAAAAGCAAAGCAGATAGCAGTGGGTGCGAAAGGTGACCTGCAGTCCACGTTGCTG
 GAAGGGCATGGCAGCTCCACCTGACCTGGATCTCTCTGCTATTAATGACAAAAGCATCGTCAAAAAG
 ACGCCACAGTTAGCAAAAACAATATCAAAGAACTGAGTCAACATCATTTTCTGCCCTCGAAAAAG
 AGCCCGGATTTATCTGAAGCAATGGAAATGATGGAGTCTCAGACACTACTGCTGACGCTACTATCCGTA
 AAGATGGAGAACAATCTTGCTGAGTTTGAAGAAGGGCAGAAAAGAAATTTATTAATATGTGAAGGAG
 AAGGAGAAGCTACAGAAAAGGCCACGAGCTGAAGCGCAGGCTTCTCCTCTCTCAGAGGAAGCGGGAG
 CTGGCAGATGCTCTGGATGCCAGATCGAGATGCTCAGCCCTTCGAGGCAGTGGCCACACGCTTCAAG
 GAGCAATACAGGACATTCGCCACGGCCCTGGACACTACCAGGCACGAGCTGCCCGTGAGGTCCATCCAC
 CTGGAGGGAGATGGGCAGCAGCTTAGACGCCCTGCAGCATGAAGTGGTGACCACTCAGCGCCTCTG
 GGAGAAGTTGATGTTGGTGATTTCGAAGAAAATGTGCAGGTGCTGGACTTACTGAGCGAACTCAAGGAC
 GTGACGGCGAAAAAGGACCTTGAGCTCCGAAGGAGCTTTGCCAGGTGCTGGAAGTCTCCGAGAGGCA
 AGCAAGAGGCGAGCCTTGCCAAACAGGAAGTCTGGGAAGAGACCAGGCATGGCGCCCCCAGCCGG
 TGGTATTTCAATCAAGACAGTGCCTGCAGAGAATCTGGGGGAGCACCAAGAACACGCCCTGTCTGAG
 GACGACAACCCGGGTGCCTCGTCAGCCCCGCTCAGGCCAGTTCATCAGCCCAAGCGAAGATTTTCT
 TCAAGCAGCCAGGCAGAAGTCCCGCCCTCTCTCTCTGTTGAGGAGGGACTTGTCATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_033417
Insert Size:	1233 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_033417.1</u>
RefSeq Size:	1468 bp
RefSeq ORF:	1233 bp
Locus ID:	93323
UniProt ID:	<u>Q9BT25</u>
Cytogenetics:	19p13.11
MW:	44.9 kDa
Gene Summary:	HAUS8 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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).