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Product datasheet for SC122514

HICE1 (BC010176) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	HICE1
Synonyms:	Hec1-interacting and centrosome-associated 1; HEC1/NDC80 interacting, centrosome associated 1; MGC20533; NY-SAR-48; sarcoma antigen NY-SAR-48
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC010176 edited CAGACACTACTGCTGACGCTACTATCCGTAAAGATGGAGAACAATCTTGCTGAGTTTGAA AGAAGGGCAGAAAAGAATTTATTAATAATGTGTAAGGAGAAGGAGAAGCTACAGAAAAAG GCCCACGAGCTGAAGCGCAGGCTTCTCCTCTCTCAGAGGAAGCGGGAGCTGGCAGATGTC CTGGATGCCCAGATCGAGATGCTCAGCCCCTTCGAGGCAGTGGCCACACGCTTCAAGGAG CAATACAGGACATTCGCCACGGCCCTGGACACTACCAGGCACGAGCTGCCCGTGAGGTCC ATCCACCTGGAGGGAGATGGGCAGCAGCTCTTAGACGCCCTGCAGCATGAACTGGTGACC ACTCAGCGCCTCCTGGGAGAACTTGATGTTGGTGATTCGGAAGAAAATGTGCAGGTGCTG GACTTACTGAGCGAACTCAAGGACGTGACAGCGAAAAAGGACCTTGAGCTCCGAAGGAGC TTTGCCCAGGTGCTGGAACTCTCCGCAGAGGCAAGCAAAGAGGCAGCCTTGGCAAACCAG GAAGTCTGGGAAGAGACCCAGGGCATGGCGCCCCCCAGCCGGTGGTATTTCAATCAAGAC AGTGCCTGCAGAGAATCTGGGGGAGCACCCAAGAACACGCCCCTGTCTGAGGACGACAAC CCGGGTGCCTCGTCAGCCCCCGCTCAGGCCACGTTCATCAGCCCAAGCGAAGATTTTTCT TCAAGCAGCCAGGCAGAAGTCCCGCCCTCTCTCTCTCGTTCAGGGAGGGACTTGTCATGA CTCATGGTTACATTCAGGATACTTGAGCACTTTATATACTACCGTAGCACTGTAGCTATT TTTTATGTGATAATCTTGTTTGATAAAAAAGTAAACCTGTTTTGCAAAAAAAAAAAAAAA AAA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for BC010176 unedited
CGGTCAAATATTGTAAACGACTCCTATAGGCGGCCGCGAAATTCGCACGAGGCAAAACAT
ACTGCTGACGCTACTATCCGTAAAATGGAGAACAATCTTGCTGAGTTTGAAAGAAGGGCA
GAAAAAGAATTTATTAATAATGTGTAAGGAGAAGGAGAAGCTACAGAAAAAGGCCCACGA
GCTGAAGCGCAGGCTTCTCCTCTCTCAGAAGAAGCGGGAGCTGGCAGATGTCCTGGATGC
CCAGATCGAGATGCTCAGCCCCTTCGAGGCAGTGGCCACACGCTTCAAGGAGCAATACAG
GACATTCGCCACGGCCCTGGACACTACCAGGCACGAGCTGCCCGTGAGGTCCATCCACCT
GGAGGGAGATGGGCAGCAGCTCTTAGACGCCCTGCAGCATGAACTGGTGACCACTCAGCG
CCTCCTGGGAGAACTTGATGTTGGTGATTCGGAAGAAAATGTGCAGGTGCTGGACTTACT
GAGCGAACTCAAGGACGTGACAGCGAAAAAGGACCTTGAGCTCCGAAGGAGCTTTGCCCA
GGTGCTGGAACTCTCCGCAGAGGCAAGCAAAGAGGCAGCCTTGGCAAACCAGGAAGTCTG
GGAAGAGACCCAGGGCATGGCGCCACCCAGCCGGTGGTATTTCAATCAAGACAGTGCCTG
CAGAGAATCTGGNGGAGCACCCAAGAACACGCCCCTGTCTGAGGACGACAACCCGGGTGC
CTCGTCAGCCCCCGCTCAAGCCACGTTCATCAGCCCAAGCGAAGATTNTTCTTCAAGCAG
CCAGGCAGAAGTCCCGCCCTCTCTCTCTCGTTCAGGGAGGGACTTGTCATGACTCATGGT
TACATTCANGATACTTGAGCACTTTATATACTACCGTAGCACTGTAGCTATTTTTTATGT
GATAATCTTGTTTGATAAAAAGTAAAACTGTTTTGCAAA
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Restriction Sites: Please inquire

ACCN: BC010176

Insert Size: 912 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.

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

RefSeq: BC010176.2, AAH10176.1

RefSeq Size: 903 bp

Locus ID: 93323

Cytogenetics: 19p13.11

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]