

## Recombinant Human HAUS1, His-tagged

Cat. No. HAUS1-26321TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-278 of Human CCDC5 with N terminal His tag, 34kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-278 a.a.
<b>Description</b>	HAUS1 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.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Widely expressed. Expressed in pancreas, kidney, skeletal muscle, liver and heart. Weakly expressed in lung, brain and placenta.
<b>Form</b>	Lyophilised:Reconstitute with 63 µl aqua dest.
<b>Storage buffer</b>	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MEPQEERETQVAAWLKKIFGDHPIQYEVNPRTEILHHL SERNRVRDRDVYLVIED LKQKASEYESEAKYLQDLLME SVNFSPANLSSTGSRYNALVDSALETKDTSLAS FIPA VNDLTSDLFRTKSKSEEIKIELEKLEKNLTATLVLEKC LQEDVKKAEHLHLSTERA KVDNRRQNMDFLKAKSEEFRF GIKAAEEQLSARGMDASLSHQSLValseklarlkq QTIPL KKKLESYLDLMPNPSLAQVKIEEAKRELDsIEAELTRR VDMMEL
<b>Sequence Similarities</b>	Belongs to the HAUS1 family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">HAUS1 HAUS augmin-like complex, subunit 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">HAUS1</a>
<b>Synonyms</b>	HAUS1; HAUS augmin-like complex, subunit 1; CCDC5, coiled coil domain containing 5 (spindle associated); HAUS augmin-like complex subunit 1; FLJ40084; HEI C; HsT1461;
<b>Gene ID</b>	<a href="#">115106</a>
<b>mRNA Refseq</b>	<a href="#">NM_138443</a>
<b>Protein Refseq</b>	<a href="#">NP_612452</a>
<b>MIM</b>	<a href="#">608775</a>

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<b>Uniprot ID</b>	Q96CS2
<b>Chromosome Location</b>	18q21.1
<b>Function</b>	molecular_function;

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