Recombinant Human HAUS1, His-tagged

Cat. No. HAUS1-15831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HAUS1 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-278aa
Description	HAUS1, also known as HAUS augmin-like complex subunit 1, 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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT
Molecular Mass	34.4 kDa (302aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMEPQEE RETQVAAWLK KIFGDHPIPQ YEVNPRTTEILHHLSERNRV RDRDVYLVIE DLKQKASEYE SEAKYLQDLL MESVNFSPAN LSSTGSRYLNALVDSAVALE TKDTSLASFI PAVNDLTSDL FRTKSKSEEI KIELEKLEKN LTATLVLEKCLQEDVKKAEL HLSTERAKVD NRRQNMDFLK AKSEEFRFGI KAAEEQLSAR GMDASLSHQSLVALSEKLAR

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	LKQQTIPLKK KLESYLDLMP NPSLAQVKIE EAKRELDSIE AELTRRVDMM EL
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	HAUS1 HAUS augmin-like complex, subunit 1 [Homo sapiens]
Official Symbol	HAUS1
Synonyms	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; enhancer of invasion-cluster; coiled-coil domain-containing protein 5; coiled-coil domain containing 5 (spindle associated); HEIC; CCDC5; HEI-C; FLJ21094;
Gene ID	115106
mRNA Refseq	NM_138443
Protein Refseq	NP_612452
MIM	608775

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UniProt ID	Q96CS2
Chromosome Location	18q21.1
Function	molecular_function;

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