

Recombinant Human HAUS Augmin-like Complex, Subunit 1, His-tagged

Cat. No. HAUS1-5580H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanHAUS1 protein, fused to His-tag at N-terminus, was expressed in E. coli andpurified by using conventional chromatography.
Species	Human
Source	E.coli
Description	HAUS1, also known asHAUS augmin-like complex subunit 1, is 1 of 8 subunits of the 390-kDhuman augmin complex, or HAUS complex. HAUS1 wasfirst identified in Drosophila, and its name comes from the Latin verbaugmentare, meaning to increase. HAUS1 is amicrotubule-binding complex involved in microtubule generation within themitotic spindleand is vital to mitotic spindle assembly.
Form	Liquid. 20mMTris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT.
Molecular Weight	34.4 kDa (302aa)confirmed by MALDI-TOF
Purity	> 85% by SDS-PAGE
Concentration	0.25 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHPMEPQEE RETQVAAWLK KIFGDHPIPQ YEVNPRTTEILHHLSENRV RDRDVYLVIE DLKQKASEYE EAKYLQDLL MESVNFSPAN LSSTGSRYN ALVDSAVALETKDTSLASFI PAVNDLTSDL

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FRTKSKSEEI KIELEKLEKN LTATLVLEKC LQEDVKKAEI
 HLSTERAKVDNRRQNMDFLK AKSEEFRRGI KAAEEQLSAR GMDASLSHQS
 LVALUEKLAR LKQQTIPLKKKLESYLDLMPNPSLAQVKIE EAKRELDSE
 AELTRRVDM EL

Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

OfficialSymbol

HAUS1

nullValue_other

Function

Molecularfunction

GENE INFORMATION

Gene Name

HAUS1 HAUS augmin-likecomplex, subunit 1 [Homo sapiens]

Synonyms

HAUS1; HAUSaugmin-like complex, subunit 1; HEIC; CCDC5; HEI-C; HsT1461; HAUSaugmin-like complex subunit 1; enhancer of invasion-cluster; coiled-coildomain-containing protein 5; coiled-coil domain containing 5 (spindleassociated); FLJ40084; FLJ21094; OTTHUMP00000163476

Gene ID

115106

mRNA Refseq

NM_138443

Protein Refseq

NP_612452

MIM

608775

UniProt ID

Q96CS2

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Chromosome	18q21.1
Location	

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