

HAUS1, 1-278aa, Human, His tag, E.coli

Cat.NO.: TP02403

3th Edition

Synonyms:HAUS augmin-like complex subunit 1, CCDC5, HEI-C, HEIC, HsT1461.

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 Weight:34.4 kDa (302aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMEPQEERETQVAAWLKKIFGDHPIQYEVNPRTEILHHLSENRNRVDRD
VYLVIEDLKQKASEYESEAKYLQDLLMESVNFSPANLSSTGSRYLNALVDSVALETKDTSLASFIPAVNDLTSDLFR
TKSKSEEIKIELEKLEKNLTATLVLEKCLQEDVKKAELHLSTERAKVDNRRQNMDFLKAKSEEFRTFGIKAAEEQLSAR
GMDASLSHQSLVALSEKLARLKQQTIPKLLKLESYLDLMPNPSLAQVKIEEAKRELDSEAELTRRVDMMEL

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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