

Product datasheet for **AR50315PU-S**

HAUS1 / CCDC5 (1-278, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HAUS1 / CCDC5 (1-278, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEPQEE RETQVAWLK KIFGDHPIQ YEVNPRTEI LHHLSENRV RDRDVYLVE DLKQKASEYE SEAKYLQDLL MESVNFSPAN LSSTGSRYLN ALVDSAVAL TKDTSLASFI PAVNDLTSDL FRTKSKSEEI KIELEKLEKN LTATLVLEKC LQEDVKKAEI HLSTERAKVD NRRQNMDFLK AKSEEFRFGI KAAEEQLSAR GMDASLSHQSLV LVALUEKLAR LKQQTIP LKK KLESYLDLMP NPSLAQVKIE EAKRELDSIE AELTRRV DMM EL
Tag:	His-tag
Predicted MW:	34.4 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.2M NaCl, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HAUS1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_612452
Locus ID:	115106
UniProt ID:	Q96CS2
Cytogenetics:	18q21.1
Synonyms:	CCDC5; HEI-C; HEIC; HsT1461



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Summary:

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., 2008 [PubMed 18443220]; Uehara et al., 2009 [PubMed 19369198]). [supplied by OMIM, Jun 2010]

Protein Families:

Stem cell - Pluripotency

Product images: