

Recombinant Human HAUS5 Protein, GST-tagged

Cat. No. HAUS5-4588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HAUS5 full-length ORF (AA160190.1, 1 a.a. - 633 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	HAUS5 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]
Molecular Mass	69.7 kDa
AA Sequence	MELAQEARELGCWAVEEMGVPVAARAPESTLRRRLCLGQGADIWAYILQHVHSQRT VKKIRGNLLWYGHQDSPQVRRKLELEAAVTRLRAEIQELDQSLELMERDTEAQDTA MEQARQHTQDTQRRALLRAQAGAMRRQQHTLRDPMQRLQNQLRRLQDMERKAK VDVTFGSLTSAALGLEPVLRDVRTACTLRAQFLQNLLLPQAKRGS LPTPHDDHFGT SYQQWLSSVETLLTNHPPGHVLAALAEHLAAERAEIRSLCSGDGLGDTEISRPQAPD QSDSSQTLPSMVHLIQEGWRTVGVLSQRSTLLKERQVLTQRLQGLVEEVERRVLG SSERQVLILGLRRCCLWTELKALHDQSQELQDAAGHRQLLRELQAKQQRILHWRQ LVEETQEQRLLIKGNSASKTRLCRSPGEVLALVQRKVVPTFEAVAPQSRELLRCLE

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EEVRHLPHILLGTLLRHRPGELKPLPTVLPSIHLHPASPRGSSFIALSHKLGLPPGKA
SELLLPAAASLRQDLLLQDQSLWCWDLHMKTSLPPGLPTQELLQIQASQEKQQ
KENLGQALKRLEKLLKQALERIPELQGIVGDWWEQPGQAALSEELCQGLSLPQWRL
RWVQAQGALQKLCS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name HAUS5 HAUS augmin-like complex, subunit 5 [Homo sapiens]

Official Symbol HAUS5

Synonyms HAUS5; HAUS augmin-like complex, subunit 5; KIAA0841; HAUS augmin-like complex subunit 5; dgt5;

Gene ID 23354

mRNA Refseq NM_015302

Protein Refseq NP_056117

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MIM	613432
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UniProt ID	O94927
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