

Recombinant Human CEP27, His-tagged

Cat. No. CEP27-11111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEP27 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-235a.a.
Description	HAUS2 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]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	HAUS2 HAUS augmin-like complex, subunit 2 [Homo sapiens]
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Official Symbol	HAUS2
Synonyms	HAUS2; HAUS augmin-like complex, subunit 2; C15orf25, centrosomal protein 27kDa , CEP27, chromosome 15 open reading frame 25; HAUS augmin-like complex subunit 2; FLJ10460; HsT17025; centrosomal protein 27kDa; centrosomal protein of 27 kDa; CEP27; C15orf25;
Gene ID	55142
mRNA Refseq	NM_001130447
Protein Refseq	NP_001123919
MIM	613429
UniProt ID	Q9NVX0
Chromosome Location	15q15.1
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem;
Function	molecular_function;