HAUS Augmin-Like Complex Subunit 8 (HAUS8) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	HAUS augmin-like complex subunit 8 (HAUS8), Recombinant Protein
Full Product Name	Recombinant Human HAUS augmin-like complex subunit 8 (HAUS8)
Product Gene Name	HAUS8 recombinant protein
Product Synonym Gene Name	HAUS8
Sequence	ADSSGRGAGK PATGPTNSSS AKKKDKRVQG GRVIESRYLQ YEKKTTQKAP AGDGSQTRGK MSEGGRKSSL LQKSKADSSG VGKGDLQSTL LEGHGTAPPD LDLSAINDKS IVKKTPQLAK TISKKPESTS FSAPRKKSPD LSEAMEMMES QTLLLTLLSV KMENNLAEFE RRAEKNLLIM CKEKEKLQKK AHELKRRLLL SQRKRELADV LDAQIEMLSP FEAVATRFKE QYRTFATALD TTRHELPVRS IHLEGDGQQL LDALQHELVT TQRLLGELDV GDSEENVQVL DLLSELKDVT AKKDLELRRS FAQVLELSAE ASKEAALANQ EVWEETQGMA PPSRWYFNQD SACRESGGAP KNTPLSEDDN PGASSAPAQA TFISPSEDFS SSSQAEVPPS LSRSGRDLS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	44,786 Da
Sequence Positions	2-410, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	613434
3D Structure	ModBase 3D Structure for Q9BT25
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HAUS8 recombinant protein	MBS1336043 is a recombinant protein targeting HAUS8. Also known as Recombinant Human HAUS augmin-like complex subunit 8 (HAUS8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HAUS8 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HAUS8. It may not necessarily be applicable to this product.

NCBI GI #	58761506
NCBI GeneID	93323
NCBI Accession #	NP_001011699.1

UniProt Primary Accession #	Q9BT25
UniProt Secondary Accession #	Q49AC4; Q86WF0; Q96FX3; B4DJA7; C9JBZ4
UniProt Related Accession #	Q9BT25
GenBank Nucleotide #	NM_001011699.1
NCBI Official Full Name	HAUS augmin-like complex subunit 8 isoform b
NCBI Official Synonym Full Names	HAUS augmin like complex subunit 8
NCBI Official Symbol	HAUS8
NCBI Official Synonym Symbols	DGT4; HICE1; NY-SAR-48
UniProt Protein Name	HAUS augmin-like complex subunit 8
UniProt Synonym Protein Names	HEC1/NDC80-interacting centrosome-associated protein 1; Sarcoma antigen NY-SAR-48
Protein Family	HAUS augmin-like complex
UniProt Gene Name	HAUS8
UniProt Synonym Gene Names	HICE1
NCBI Protein Information	HAUS augmin-like complex subunit 8
NCBI Summary for HAUS8	HAUS8 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]
UniProt Comments for HAUS8	Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.
Research Articles on HAUS8	**1.** Hice1 and hDgt6 are core components of distinct augmin sub-complexes.
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