

Recombinant Human HAUS3 Protein, GST-tagged

Cat. No. HAUS3-5184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C4orf15 full-length ORF (NP_078787.2, 1 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a component of the HAUS augmin-like protein complex, which plays a key role in cytokinesis and mitosis. Disruption of the encoded protein causes mitotic defects resulting from fragmentation of centrosomes and microtubule destabilization. This gene shares its 5' exons with some transcripts from overlapping GeneID: 353497, which encodes a DNA polymerase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Molecular Mass	96.1 kDa
AA Sequence	MSCGNEFVETLKKIGYPKADNLNGEDFDWLFEGVEDESFLKWFCGNVNEQNVLSE RELEAFSILQKSGKPILEGAALDEALKTCKTSDLKTPRLDDKELEKLEDEVQTLLKLKN LKIQRNRKQCQLMASVTSHKSLRLNAKEEEATKKLKQSQGILNAMITKISNELQALTDE VTQLMMFFRHSNLGQGTNPLVFLSQFSLEKYLSQEEQSTAALTLYTKKQFFQGIHEV VESSNEDNFQLLDIQTSPICDNQEILEERRLEMARLQLAYICAQHQLIHLKASNSSMK SSIKWAEESLHSLTSKAVDKENLDAKISSLTSEIMKLEKEVTQIKDRSLPAVVRENAQL LNMPVVKGDFDLQIAKQDYTTARQELVLNQLIKQKASFELLQLSYEIELRKHRDIYRQ LENLVQELSQSNMMLYKQLEMLTDPSVSQQINPRNTIDTKDYSTHRLYQVLEGENKK

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KELFLTHGNLEEVAEKCLKQNISLVQDQLAVSAQEHSFFLSKRNKDVDMLCDTLYQGG
 NQLLLSDQELTEQFHKVESQLNKLNLHLLTDILADVKTARKTLANNKLHQMEREFYVY
 FLKDEDYLDIVENLETQSKIKAVSLED

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 -80 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

HAUS3 HAUS augmin like complex subunit 3 [Homo sapiens (human)]

Official Symbol

HAUS3

Synonyms

HAUS3; HAUS augmin like complex subunit 3; IT1; dgt3; C4orf15; HAUS augmin-like complex subunit 3; HAUS Augmin Like Complex Subunit 3; Chromosome 4 Open Reading Frame 15; HAUS Augmin-Like Complex Subunit 3

Gene ID

79441

mRNA Refseq

NM_001303143

Protein Refseq

NP_001290072

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MIM	613430
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UniProt ID	Q68CZ6
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