

## Recombinant Human HAUS3 Protein, GST-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human C4orf15 full-length ORF ( NP_078787.2, 1 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | 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]   |
| <b>Molecular Mass</b>   | 96.1 kDa  |
| <b>AA Sequence</b>      | <p>MSCGNEFVETLKKIGYPKADNLNGEDFDWLFEGVEDESFLKWFCGNVNEQNVLSE<br/> RELEAFSILQKSGKPILEGAALDEALKTCKTSDLKTPRLDDKELEKLEDEVQTLCLKLN<br/> LKIQRNRKQCQLMASVTSHKSLRLNAKEEEATKCLKQSQGILNAMITKISNELQALTDE<br/> VTQLMMFFRHSNLGQGTNPLVFLSQFSLEKYLSQEEQSTAALTLYTKKQFFQGIHEV<br/> VESSNEDNFQLLDIQTSPICDNQEILEERRLEMARLQLAYICAQHQLIHLKASNSSMK<br/> SSIKWAEESLHSLTSKAVDKENLDAKISSLTSEIMKLEKEVTQIKDRSLPAVVRENAQL<br/> LNMPVVKGDFDLQIAKQDYTTARQELVLNQLIKQKASFELLQLSYEIELRKHRDIYRQ<br/> LENLVQELSQSNMMLYKQLEMLTDPSVSQQINPRNTIDTKDYSTHRLYQVLEGENKK</p> |

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KELFLTHGNLEEVAEKCLKQNISLVQDQLAVSAQEHSFFLSKRNKDVDMLCDTLYQGG  
 NQLLLSDQELTEQFHKVESQLNKLNHLLTDILADVKTKRKTLANNKLHQMEREFYVY  
 FLKDEDYKDIVENLETQSKIKAVSLED

**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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| <b>MIM</b> | 613430 |
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| <b>UniProt ID</b> | Q68CZ6 |
|-------------------|--------|

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