

# Recombinant Full Length Human HAUS3 Protein, GST-tagged

**Cat. No.** HAUS3-3859HF    **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>	In Vitro Cell Free System
<b>Protein Length</b>	603 amino acids
<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  RELEAFSILQKSGKPILEGAALDEALKTCKTSDLKTPRLDDKELEKLEDEVQTLKLN  LKIQRNRKQQLMASVTSHKSLRLNAKEEEATKCLKQSQGILNAMITKISNELQALTDE  VTQLMMFFRHSNLGQGTNPLVFLSQFSLEKYLSQEEQSTAALTLYTKKQFFQGIHEV  VESSNEDNFQLLDIQTSPICDNQEILEERRLEMARLQLAYICAQHQLIHLKASNSSMK  SSIKWAEESLHSLTSKAVDKENLDAKISSLTSEIMKLEKEVTQIKDRSLPAVVRENAQL  LNMPVVKGDFDLQIAKQDYTTARQELVLNQLIKQKASFELLQLSYEIELRKHRDIYRQ</p>

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LENLVQELSQSNMMLYKQLEMLTDPSPVVSQQINPRNTIDTKDYSTHRLYQVLEGENKK  
 KELFLTHGNLEEVAEKCLKQNISLVQDQLAVSAQEHSFFLSKRNKDVDMLCDTLYQGG  
 NQLLLSDQELTEQFHKVESQLNKLNHLTLDILADVTKRKRKTLANNKLHQMEREFYVY  
 FLKDEDYDKDIVENLETQSKIKAVSLED

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	HAUS3 HAUS augmin like complex subunit 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HAUS3
<b>Synonyms</b>	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
<b>Gene ID</b>	79441
<b>mRNA Refseq</b>	NM_001303143
<b>Protein Refseq</b>	NP_001290072

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<b>MIM</b>	613430
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<b>UniProt ID</b>	Q68CZ6
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