

Recombinant Full Length Human HAUS3 Protein, GST-tagged

Cat. No. HAUS3-3859HF **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	In Vitro Cell Free System
ProteinLength	603 amino acids
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 LKIQRNRNKCQLMASVTSHKSLRLNAKEEEATKKLKQSQGILNAMITKISNELQALTDE VTQLMMFFRHSNLGQGTNPLVFLSQFSLEKYLSQEEQSTAALTLYTKKQFFQGIHEV VESSNEDNFQLLDIQTSPICDNQEILEERRLEMARLQLAYICAQHQLIHLKASNSSMK SSIKWAEESLHSLTSKAVDKENLDAKISSLTSEIMKLEKEVTQIKDRSLPAVVRENAQL LNMPVVKGDFDLQIAKQDYTTARQELVLNQLIKQKASFELLQLSYEIELRKHRDIYRQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LENLVQELSQSNMMLYKQLEMLTDPSVSQQINPRNTIDTKDYSTHRLYQVLEGENKK
 KELFLTHGNLEEVAEKLKQNISLVQDQLAVSAQEHSFFLSKRNKDVDMLCDTLYQGG
 NQLLLSDQELTEQFHKVESQLNKLNHLLTDILADVTKRKTLANNNKLHQMEREFYVY
 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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