

Product datasheet for **SC320043**

HAUS3 (NM_024511) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	HAUS3
Synonyms:	C4orf15; dgt3; IT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >OriGene sequence for NM_024511.4 GTCGCCTTGTGCGCTTGC GCGCGTCCAGGCGCTCCCGTGAGGCAGTGCAGGCGCGCGGG
GCACGGAGGGCGGTGGCGGCGGGCTCCTGCGAGAAGCAAGCGGAACCTCTGAGCGTGCT
TAGGTGTACAGCTGGGTGACCCTCCGAAGGAAGGTTTTGCCGCTGGCGCGTCTGGTGTA
TCGCGGCCTTGGGGCCGCGGATCCCTGGGGCTTGCCGCTGCCTCTGGGGTTCGCGCGGCC
CTGGCGCTGGGGCTGCCTCAGCGCTGGCTGAAGGCCGCCGCAAGCACCTTAATTGTGG
CCGCGCGCTTCCCTGCTGCTCCTGCTGTTCTCCGCGTCGCGGTGGTGGACTCTGGAGGTG
GAGCCTTGCCCGCGAGACGTTGAGGAGGAATCATTATAGATTCTAAAAATATATTTTCC
CTTCTCTGTGGACTTGGTATAAAACGTAGCTTTTTTTCTGCTTGGATTTATTTTCTAAAA
ATCAACACCGTAAACCATATCAGATACAACAAAATTGGGGTAGTTAAACCATGAGTTG
TGGAATGAGTTTGTGGAACATTAATAAAAAATTGGTTATCCCAAAGCTGATAATCTTA
ATGGAGAAGACTTTGACTGGTTGTTTGGAGGCGTTGAAGATGAATCGTTTCTGAAGTGGT
TTTGTGGGAATGTGAATGAACAGAACGTGTTGTCTGAAAGAGAATTGGAAGCTTTTAGCA
TTCTTCAGAAATCAGGCAAGCCTATTCTAGAAGGGCGGCATTGGATGAAGCTTTAAAA
CGTGTAACACTTCTGATTTGAAGACACCTAGACTGGATGATAAAGAGCTGGAGAAATTAG
AGGATGAGGTTCAAACCTACTGAAATTAAGAACCTAAAAATTCAGCGACGTAATAAAT
GTCAATTGATGGCTTCAGTAAGTACGACCAAACTCTCTGAGGTTAAATGTAAAGAGAAG
AAGCCACTAAAAAGCTGAAGCAGAGTCAAGGAATTCTAAATGCAATGATCACTAAGATCA
GTAATGAACCTCAGGCTCTTACTGATGAAGTTACACAATTGATGATGTTCTTCAGACATT
CTAATTTAGGTCAAGGGACAAATCCACTGGTATTTTATCGCAATTTTCTTGGAAAAAT
ACCTAAGTCAGGAAGAGCAAGACACAGCAGCATTAACTTTGTATACCAAAAAACAGTTCT
TTCAGGGTATACATGAAGTAGTTGAAAGTTCAAATGAAGACAATTTTCAACTTTTAGATA
TACAGACACCATCTATTTGTGATAATCAAGAAATCCTTGAGGAGAGACGACTAGAGATGG
CTAGACTGCAGCTCGCATACATTTGTGCTCAACATCAGTTAATTCACCTAAAAGCAAGTA
ATTCGAGCATGAAGTCAAGTATAAATGGGCAGAGGAGAGTCTTCACAGCCTAACCGCA
AGGCTGTGGACAAAGAAAATTTGGATGCTAAAATTTCTAGCTTGACCAGTGAGATTATGA
AACTTGAAAAGAGGTCACTCAAATAAAAGACAGAAGTTTACCTGCTGTGGTAAGAGAGA
ATGCCAGTTATTGAATATGCCAGTGGTAAAGGAGATTTTGATCTGCAGATTGCTAAAC
AAGATTATTATACAGCAAGACAAGAGTTAGTTTTAAATCAATTAATAAAAAACAAAGGCAT
CATTTGAACCTTCTACAGTTATCATATGAAATTGAATTAAGAAAGCATCGGGACATATATC
GTCAACTTGAAAATTTGGTTCAAGAACTTAGTCAAAGTAACATGATGCTCTACAAGCAAT
TAGAAATGTTAACAGATCCATCAGTTTCTCAACAGATAAATCCAAGGAATACCATTGATA
CTAAGGATTATTCTACTCATAGGCTTTACCAAGTTTTGGAGGAGAGAAATAAGAAAAAAG
AATTGTTTCTAACTCATGGAACCTTGAGGAAGTGGCTGAGAAATTGAAACAGAATATTT
CTTTAGTACAAGATCAGTTGGCAGTATCTGCTCAAGAACATTTCTTTCTGTCCAAAC
GGAATAAGGATGTGGACATGCTTTGTGATACTTTGTATCAAGGAGGAAATCAGCTTTTGC
TTAGTGATCAGGAGTTAACAGAGCAGTTTCATAAAGTTGAATCTCAACTGAATAAGCTAA
ATCATCTCCTCACTGATATTCTGCTGATGTGAAGACAAAAAGAAAACTTTGGCAATA
ATAAATTACATCAAATGGAAGAGAATTCTATGTATATTTTTTAAAGATGAAGATTATC
TGAAAGATATTGTGGAGAATTTAGAACTCAATCAAAGATTAAGGCTGTAGTCTTGAAG
ATTGAAAATTAAGTAACTGAATCTTTATTACGTGCTCTTTTATTATTAGAAGACT
GTGTATAATAAACCTACTAAATTTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024511

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_024511.4</u> , <u>NP_078787.2</u>
RefSeq Size:	5621 bp
RefSeq ORF:	1812 bp
Locus ID:	79441
UniProt ID:	<u>Q68CZ6</u>
Cytogenetics:	4p16.3
Gene Summary:	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] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.