

Product datasheet for SC328513

HAUS4 (NM_001166270) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAUS4 (NM_001166270) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAUS4
Synonyms:	C14orf94
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328513 representing NM_001166270. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCATCCGGGATTTCTGCTCACCTGGAGAAGGGATGGAAATACTTCAACAAGTGTGCAGCAAAACA
 CTTCCTCTTGTAACTGAGTAAAGAGGACCTGTTACAGAACCATACTTCAGCAAGCTTCTCTGAAT
 CTCTCACAGCATGTGGATGAGAGTGGCTTAAGCCTCACCTAGCAAAGGAGCAGGCTCAGGCATGGAAG
 GAAGTTCGACTGCATAAGACAACATGGTTGAGGTCTGAGATTTTACACAGAGTCATTCAAGAGTTGCTT
 GTGGACTACTATGTGAAGATACAAGACACAAATGTAACCTCTGAGGACAAAAAGGATTTTGTGTGGATG
 AGGGCTCGGCTACAGCAAGAAGTAGAGGAGCAGCTCAAAAAGAAATGTTTCACTCTGCTCTGCTACTAT
 GATCCCAATTCAGATGCTGACAGTGAAACCGTGAAGGCAGCAAAGGTGTGGAACTCGCAGAGGTCCTG
 GTGGGTGAGCAGCAGCAGTGCCAGGATGCCAAGAGCCAGCAGAAGGAGCAGATGTTGCTGCTGGAGAAG
 AAGAGTGCTGCTTACTCCAGGTGCTTCTCCGCTGCCTCACTTTGCTGCAGAGGCTTCTTCAAGAACAC
 CGGCTGAAGACTCAATCCGAGCTAGACCGCATCAATGCCAGTACCTGGAAGTCAAGTGCGGTGCTATG
 ATCCTTAAGCTGAGGATGGAGGAGCTAAAGATTTGTCCGACACTTACACTGTTGAGAAAGTGGAAGTT
 CATCGTCTGATTAGGGACCGTTTGGAGGGAGCCATTACCTACAGGAGCAGGACATGGAGAACTCAAGA
 CAGGTCTGAATCCTATGAGGTCCTTGGGAGGAGTTTGACAGGCTGGTGAAGAGTACACCGTACTC
 AAGCAGGCAACAGAGAACAAGCGGTGGGCCCTCCAGGAGTTCAGCAAGGTCTACCGT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001166270
Insert Size:	957 bp


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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.
RefSeq:	<u>NM_001166270.1</u>
RefSeq Size:	1514 bp
RefSeq ORF:	957 bp
Locus ID:	54930
UniProt ID:	<u>Q9H6D7</u>
Cytogenetics:	14q11.2
MW:	37.2 kDa
Gene Summary:	This gene encodes a subunit of the centrosome complex termed the human augmin complex. The encoded protein localizes to the spindle microtubules and may play a role in mitotic spindle assembly and maintenance of centrosome integrity during cell division. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq, Oct 2009] Transcript Variant: This variant (3) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.