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Product datasheet for RC204226L4V

HAUS1 (NM_138443) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HAUS1 (NM_138443) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HAUS1
Synonyms:	CCDC5; HEI-C; HEIC; HsT1461
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138443
ORF Size:	834 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204226).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_138443.2
RefSeq Size:	1145 bp
RefSeq ORF:	837 bp
Locus ID:	115106
UniProt ID:	Q96CS2
Cytogenetics:	18q21.1
Protein Families:	Stem cell - Pluripotency
MW:	31.9 kDa

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Gene Summary: HAUS1 is 1 of 8 subunits of the 390-kD human augmin complex, or HAUS complex. The augmin complex was first identified in Drosophila, and its name comes from the Latin verb 'augmentare,' meaning 'to increase.' The augmin complex is a microtubule-binding complex involved in microtubule generation within the mitotic spindle and is vital to mitotic spindle assembly (Goshima et al., 2008 [PubMed 18443220]; Uehara et al., 2009 [PubMed 19369198]). [supplied by OMIM, Jun 2010]