

## Product datasheet for **RC207565L4V**

### HEC1 (NDC80) (NM\_006101) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HEC1 (NDC80) (NM_006101) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HEC1
Synonyms:	HEC; HEC1; HsHec1; hsNDC80; KNTC2; TID3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006101
ORF Size:	1926 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207565).
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. <a href="#">More info</a>
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:	<a href="#">NM_006101.1</a>
RefSeq Size:	2209 bp
RefSeq ORF:	1929 bp
Locus ID:	10403
UniProt ID:	<a href="#">Q14777</a>
Cytogenetics:	18p11.32
Domains:	Ndc80_HEC
Protein Families:	Druggable Genome


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**MW:** 73.9 kDa

**Gene Summary:** This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]