

## Product datasheet for **RC200039L4V**

### HEMK1 (NM\_016173) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HEMK1 (NM_016173) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HEMK1
Synonyms:	HEMK; MPRMC; MTQ1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016173
ORF Size:	1014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200039).
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_016173.3</a>
RefSeq Size:	5862 bp
RefSeq ORF:	1017 bp
Locus ID:	51409
UniProt ID:	<a href="#">Q9Y5R4</a>
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome



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<b>Protein Pathways:</b>	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
<b>MW:</b>	38.2 kDa
<b>Gene Summary:</b>	N5-glutamine methyltransferase responsible for the methylation of the glutamine residue in the universally conserved GGQ motif of the mitochondrial translation release factor MTRF1L. [UniProtKB/Swiss-Prot Function]