

## Product datasheet for **RC205952L4V**

### MAP4K5 (NM\_198794) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MAP4K5 (NM_198794) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAP4K5
Synonyms:	GCKR; KHS; KHS1; MAPKKKK5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198794
ORF Size:	2538 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205952).
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_198794.1</a>
RefSeq Size:	4435 bp
RefSeq ORF:	2541 bp
Locus ID:	11183
UniProt ID:	<a href="#">Q9Y4K4</a>
Cytogenetics:	14q22.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	95.1 kDa



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**Gene Summary:**

This gene encodes a member of the serine/threonine protein kinase family, that is highly similar to yeast SPS1/STE20 kinase. Yeast SPS1/STE20 functions near the beginning of the MAP kinase signal cascades that is essential for yeast pheromone response. This kinase was shown to activate Jun kinase in mammalian cells, which suggested a role in stress response. Two alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq, Jul 2008]