

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC226554L4V

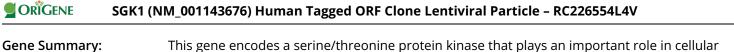
SGK1 (NM_001143676) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SGK1 (NM_001143676) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SGK1
Synonyms:	SGK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143676
ORF Size:	1578 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226554).
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. <u>More info</u>
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:	<u>NM 001143676.1, NP 001137148.1</u>
RefSeq ORF:	1581 bp
Locus ID:	6446
UniProt ID:	<u>000141</u>
Cytogenetics:	6q23.2
Protein Families:	Druggable Genome, Protein Kinase
MW:	59.7 kDa



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



mmary:This gene encodes a serine/threonine protein kinase that plays an important role in cellular
stress response. This kinase activates certain potassium, sodium, and chloride channels,
suggesting an involvement in the regulation of processes such as cell survival, neuronal
excitability, and renal sodium excretion. High levels of expression of this gene may contribute
to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced
transcript variants encoding different isoforms have been noted for this gene. [provided by
RefSeq, Jan 2009]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US