

Product datasheet for **RC223498L4V**

Speedy protein C (SPDYC) (NM_001008778) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Speedy protein C (SPDYC) (NM_001008778) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Speedy protein C
Synonyms:	Ringo2; RINGOC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001008778
ORF Size:	879 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223498).
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_001008778.1
RefSeq Size:	882 bp
RefSeq ORF:	882 bp
Locus ID:	387778
UniProt ID:	Q5MJ68
Cytogenetics:	11q13.1
Protein Pathways:	Oocyte meiosis, Progesterone-mediated oocyte maturation
MW:	33 kDa



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Gene Summary:

Promotes progression through the cell cycle via binding and activation of CDK1 and CDK2. Involved in the spindle-assembly checkpoint. Required for recruitment of MAD2L1, BUBR1 and BUB1 to kinetochores. Required for the correct localization of the active form of Aurora B in prometaphase.[UniProtKB/Swiss-Prot Function]