

Product datasheet for **MR205449L4V**

Tssk2 (NM_009436) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tssk2 (NM_009436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tssk2
Synonyms:	DGS-G; SPOGA2; Stk22b; Tsk2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009436
ORF Size:	1074 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205449).
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_009436.2 , NP_033462.2
RefSeq Size:	1403 bp
RefSeq ORF:	1077 bp
Locus ID:	22115
UniProt ID:	O54863
Cytogenetics:	16 11.09 cM



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Gene Summary:

Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-281' of TSKS and SPAG16. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.[UniProtKB/Swiss-Prot Function]