

Product datasheet for **MR205606L4V**

Tssk1 (NM_009435) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tssk1 (NM_009435) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tssk1
Synonyms:	Stk22a; TSK-1; Tsk1; Tssk; Tssk1b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009435
ORF Size:	1098 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205606).
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_009435.2 , NP_033461.2
RefSeq Size:	1466 bp
RefSeq ORF:	1098 bp
Locus ID:	22114
UniProt ID:	Q61241
Cytogenetics:	16 11.09 cM



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Gene Summary:

Testis-specific serine/threonine-protein kinase required during spermatid development (PubMed:20053632, PubMed:23599433). Phosphorylates 'Ser-281' of TSKS (PubMed:20053632). Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm (PubMed:20053632). During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body (PubMed:20053632).[UniProtKB/Swiss-Prot Function]