

Product datasheet for **MR211813L3V**

Smc4 (BC061481) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Smc4 (BC061481) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Smc4
Synonyms:	2500002A22Rik; C79747; SMC-4; Smc4l1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC061481
ORF Size:	3648 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211813).
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:	BC061481.1
RefSeq Size:	4097 bp
RefSeq ORF:	3650 bp
Locus ID:	70099
Cytogenetics:	3 E1



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Gene Summary:

Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases (By similarity).[UniProtKB/Swiss-Prot Function]