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Product datasheet for RC213258L4V

MEI1 (NM_152513) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MEI1 (NM_152513) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MEI1
Synonyms:	HYDM3; SPATA38
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152513
ORF Size:	3822 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213258).
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_152513.3
RefSeq Size:	4006 bp
RefSeq ORF:	3825 bp
Locus ID:	150365
UniProt ID:	Q5TIA1
Cytogenetics:	22q13.2
MW:	141 kDa

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Gene Summary: Required for normal meiotic chromosome synapsis. May be involved in the formation of meiotic double-strand breaks (DSBs) in spermatocytes (By similarity).[UniProtKB/Swiss-Prot Function]