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Product datasheet for RC203059L1V

PAGE4 (NM_007003) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PAGE4 (NM_007003) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PAGE4
Synonyms:	CT16.7; GAGE-9; GAGEC1; JM-27; JM27; PAGE-1; PAGE-4
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007003
ORF Size:	306 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203059).`
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_007003.2
RefSeq Size:	563 bp
RefSeq ORF:	309 bp
Locus ID:	9506
UniProt ID:	O60829
Cytogenetics:	Xp11.23
MW:	11.2 kDa

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Gene Summary: This gene is a member of the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in prostate and prostate cancer. It is also expressed in other male and female reproductive tissues including testis, fallopian tube, uterus, and placenta, as well as in testicular cancer and uterine cancer. The protein encoded by this gene shares sequence similarity with other GAGE/PAGE proteins, and also belongs to a family of CT (cancer-testis) antigens. The protein may play a role in benign and malignant prostate diseases. A related pseudogene is located on chromosome 7. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]