Product datasheet for RC224733L3V

XAGE1C (NM_001097598) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	XAGE1C (NM_001097598) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XAGE1C
Synonyms:	CT12.1; CT12.1C; CTP9; GAGED2; XAGE-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001097598
ORF Size:	207 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224733).
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_001097598.2, NP_001091067.1
RefSeq Size:	485 bp
RefSeq ORF:	209 bp
Locus ID:	653048
Cytogenetics:	Xp11.22
MW:	8 kDa

View online »

Gene Summary:

This gene is a member of the XAGE subfamily, which belongs to 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 Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. The protein encoded by this gene contains a nuclear localization signal and shares a sequence similarity with other GAGE/PAGE proteins. Because of the expression pattern and the sequence similarity, this protein also belongs to a family of CT (cancer-testis) antigens. Alternative splicing of this gene, in addition to alternative transcription start sites, results in multiple transcript variants. [provided by RefSeq, Jan 2010]