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Product datasheet for SC212024

LAGE3 (NM_006014) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LAGE3 (NM_006014) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LAGE3
Synonyms:	CVG5; DXS9879E; DXS9951E; ESO3; GAMOS2; ITBA2; Pcc1
ACCN:	NM_006014
Insert Size:	199 bp
Insert Sequence:	>SC212024 3'UTR clone of NM_006014 The sequence shown below is from the reference sequence of NM_006014. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGCGCTTTGGGCCCCCCGTTTCCCGCTAAGCCTGGCCTGGGCAAATGGAGCGAGGTCCCACTTTGCGT CTCCTTGTAGGCAGTGCGTCCATCCTTCCCTAGGGCAGGAATTCCCACAGTTGCTACTTTCCTGGGAGG GCCTCATGTTTTATCTGGTTCTTAAATGTTTGTTACTACAGAAAATAAAACTGCGCTACTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_006014.5

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Summary: This gene belongs to the ESO/LAGE gene family, members of which are clustered together on chromosome Xq28, and have similar exon-intron structures. Unlike the other family members which are normally expressed only in testis and activated in a wide range of human tumors, this gene is ubiquitously expressed in somatic tissues. The latter, combined with the finding that it is highly conserved in mouse and rat, suggests that the encoded protein is functionally important. An intronless pseudogene with high sequence similarity to this gene is located on chromosome 9. [provided by RefSeq, Jul 2008]

Locus ID: 8270

MW: 7.5