Product datasheet for RC207238L1V

LYRIC (MTDH) (NM_178812) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LYRIC (MTDH) (NM_178812) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LYRIC
Synonyms:	3D3; AEG-1; AEG1; LYRIC; LYRIC/3D3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_178812
ORF Size:	1746 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207238).
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_178812.2, NP_848927.1
RefSeq Size:	7667 bp
RefSeq ORF:	1749 bp
Locus ID:	92140
UniProt ID:	Q86UE4
Cytogenetics:	8q22.1
Protein Families:	Transmembrane
MW:	63.8 kDa

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Gene Summary: Downregulates SLC1A2/EAAT2 promoter activity when expressed ectopically. Activates the nuclear factor kappa-B (NF-kappa-B) transcription factor. Promotes anchorage-independent growth of immortalized melanocytes and astrocytes which is a key component in tumor cell expansion. Promotes lung metastasis and also has an effect on bone and brain metastasis, possibly by enhancing the seeding of tumor cells to the target organ endothelium. Induces chemoresistance.[UniProtKB/Swiss-Prot Function]