Product datasheet for RC206024L2V

MTAP (NM_002451) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MTAP (NM_002451) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTAP
Synonyms:	BDMF; c86fus; DMSFH; DMSMFH; HEL-249; LGMBF; MSAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002451
ORF Size:	849 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206024).
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_002451.3
RefSeq Size:	4937 bp
RefSeq ORF:	852 bp
Locus ID:	4507
UniProt ID:	Q13126
Cytogenetics:	9p21.3
Domains:	Mtap_PNP
Protein Families:	Druggable Genome

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Protein Pathways:	Cysteine and methionine metabolism, Metabolic pathways
MW:	31.3 kDa
Gene Summary:	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their full-length natures remain unknown. [provided by RefSeq, Jul 2008]