Product datasheet for RC201526L4V

GAS41 (YEATS4) (NM_006530) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GAS41 (YEATS4) (NM_006530) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GAS41
Synonyms:	4930573H17Rik; B230215M10Rik; GAS41; NUBI-1; YAF9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006530
ORF Size:	681 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201526).
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_006530.2
RefSeq Size:	1509 bp
RefSeq ORF:	684 bp
Locus ID:	8089
UniProt ID:	O95619
Cytogenetics:	12q15
Domains:	YEATS
Protein Families:	Druggable Genome, Transcription Factors

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MW: 26.5 kDa

Gene Summary: The protein encoded by this gene is found in the nucleoli. It has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]