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Product datasheet for RC201595L4V

MNAT1 (NM_002431) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MNAT1 (NM_002431) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MNAT1
Synonyms:	CAP35; MAT1; RNF66; TFB3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002431
ORF Size:	927 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201595).`
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_002431.2
RefSeq Size:	1397 bp
RefSeq ORF:	930 bp
Locus ID:	4331
UniProt ID:	P51948
Cytogenetics:	14q23.1
Domains:	RING
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors

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Protein Pathways: Nucleotide excision repair

MW: 35.8 kDa

Gene Summary: The protein encoded by this gene, along with cyclin H and CDK7, forms the CDK-activating kinase (CAK) enzymatic complex. This complex activates several cyclin-associated kinases and can also associate with TFIIH to activate transcription by RNA polymerase II. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]