

Product datasheet for **RC215964L3V**

GATC (NM_176818) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GATC (NM_176818) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GATC
Synonyms:	15E1.2; COXPD42
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_176818
ORF Size:	410 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215964).
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_176818.1
RefSeq Size:	4248 bp
RefSeq ORF:	411 bp
Locus ID:	283459
UniProt ID:	O43716
Cytogenetics:	12q24.31
MW:	15.1 kDa


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Gene Summary:

Allows the formation of correctly charged Gln-tRNA(Gln) through the transamidation of misacylated Glu-tRNA(Gln) in the mitochondria. The reaction takes place in the presence of glutamine and ATP through an activated gamma-phospho-Glu-tRNA(Gln).[UniProtKB/Swiss-Prot Function]