

Product datasheet for **RC220258L3V**

MYCT1 (NM_025107) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYCT1 (NM_025107) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYCT1
Synonyms:	MTLC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_025107
ORF Size:	705 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220258).
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_025107.1 , NP_079383.2
RefSeq Size:	1095 bp
RefSeq ORF:	708 bp
Locus ID:	80177
UniProt ID:	Q8N699
Cytogenetics:	6q25.2
Protein Families:	Transmembrane
MW:	26.4 kDa



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Gene Summary:

May regulate certain MYC target genes, MYC seems to be a direct upstream transcriptional activator. Does not seem to significantly affect growth cell capacity. Overexpression seems to mediate many of the known phenotypic features associated with MYC, including promotion of apoptosis, alteration of morphology, enhancement of anchorage-independent growth, tumorigenic conversion, promotion of genomic instability, and inhibition of hematopoietic differentiation (By similarity).[UniProtKB/Swiss-Prot Function]