

## Product datasheet for **RC225569L4V**

### CCBL1 (KYAT1) (NM\_001122672) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CCBL1 (KYAT1) (NM_001122672) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KYAT1
Synonyms:	CCBL1; GTK; KAT1; KATI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001122672
ORF Size:	1100 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225569).
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. <a href="#">More info</a>
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:	<a href="#">NM_001122672.1</a> , <a href="#">NP_001116144.1</a>
RefSeq Size:	1792 bp
RefSeq ORF:	1119 bp
Locus ID:	883
UniProt ID:	<a href="#">Q16773</a>
Cytogenetics:	9q34.11
MW:	42.8 kDa



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**Gene Summary:**

This gene encodes a cytosolic enzyme that is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism can form reactive metabolites leading to nephrotoxicity and neurotoxicity. Increased levels of this enzyme have been linked to schizophrenia. Multiple transcript variants that encode different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]