

Product datasheet for **RR213264L4V**

Kyat1 (NM_001013164) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kyat1 (NM_001013164) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Kyat1
Synonyms:	Ccbl1; Gtk; Kat1; Katl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013164
ORF Size:	1371 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR213264).
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_001013164.3 , NP_001013182.3
RefSeq Size:	1417 bp
RefSeq ORF:	1374 bp
Locus ID:	311844
UniProt ID:	Q08415
Cytogenetics:	3p12



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Gene Summary:

Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). Metabolizes the cysteine conjugates of certain halogenated alkenes and alkanes to form reactive metabolites. Catalyzes the beta-elimination of S-conjugates and Se-conjugates of L-(seleno)cysteine, resulting in the cleavage of the C-S or C-Se bond (By similarity).[UniProtKB/Swiss-Prot Function]