

Product datasheet for **RR214913L4V**

Bcat1 (NM_017253) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bcat1 (NM_017253) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Bcat1
Synonyms:	Bcatc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017253
ORF Size:	1233 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR214913).
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_017253.2 , NP_058949.1
RefSeq Size:	2490 bp
RefSeq ORF:	1236 bp
Locus ID:	29592
UniProt ID:	P54690
Cytogenetics:	4q44
Gene Summary:	catalyzes the conversion of L-leucine and 2-oxoglutarate to 4-methyl-2-oxopentanoate and L-glutamate; may be involved in response to neuronal injury [RGD, Feb 2006]



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