

Product datasheet for **RR209568L3V**

Bpnt1 (NM_171990) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bpnt1 (NM_171990) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Bpnt1
Synonyms:	Sal3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_171990
ORF Size:	924 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209568).
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_171990.2 , NP_741987.1
RefSeq Size:	1965 bp
RefSeq ORF:	927 bp
Locus ID:	64473
UniProt ID:	Q9Z1N4
Cytogenetics:	13q26



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Gene Summary:

Converts adenosine 3'-phosphate 5'-phosphosulfate (PAPS) to adenosine 5'-phosphosulfate (APS) and 3'(2')-phosphoadenosine 5'- phosphate (PAP) to AMP. Has 1000-fold lower activity towards inositol 1,4-bisphosphate (Ins(1,4)P₂) and inositol 1,3,4-trisphosphate (Ins(1,3,4)P₃), but does not hydrolyze Ins(1)P, Ins(3,4)P₂, Ins(1,3,4,5)P₄ or InsP₆. [UniProtKB/Swiss-Prot Function]