

Product datasheet for **RR212918L4V**

Abcg2 (NM_181381) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcg2 (NM_181381) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Abcg2
Synonyms:	BCRP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181381
ORF Size:	1971 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212918).
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_181381.2 , NP_852046.1
RefSeq Size:	2175 bp
RefSeq ORF:	1974 bp
Locus ID:	312382
UniProt ID:	Q80W57
Cytogenetics:	4q24



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Gene Summary:

High-capacity urate exporter functioning in both renal and extrarenal urate excretion. Plays a role in porphyrin homeostasis as it is able to mediate the export of protoporphyrin IX (PPIX) both from mitochondria to cytosol and from cytosol to extracellular space, and cellular export of heme, and heme. Xenobiotic transporter that may play an important role in the exclusion of xenobiotics from the brain (By similarity).[UniProtKB/Swiss-Prot Function]