

Product datasheet for **RC200063L4V**

IMPA2 (NM_014214) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IMPA2 (NM_014214) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IMPA2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014214
ORF Size:	864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200063).
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_014214.1
RefSeq Size:	1537 bp
RefSeq ORF:	867 bp
Locus ID:	3613
UniProt ID:	O14732
Cytogenetics:	18p11.21
Domains:	inositol_P
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system
MW:	31.3 kDa



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Gene Summary:

This locus encodes an inositol monophosphatase. The encoded protein catalyzes the dephosphorylation of inositol monophosphate and plays an important role in phosphatidylinositol signaling. This locus may be associated with susceptibility to bipolar disorder. [provided by RefSeq, Jan 2011]