

## Product datasheet for **RC224178L2V**

### Alkaline Phosphatase (ALPI) (NM\_001631) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Alkaline Phosphatase (ALPI) (NM_001631) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Alkaline Phosphatase
Synonyms:	IAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001631
ORF Size:	1584 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224178).
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. <a href="#">More info</a>
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:	<a href="#">NM_001631.2</a>
RefSeq Size:	2516 bp
RefSeq ORF:	1587 bp
Locus ID:	248
UniProt ID:	<a href="#">P09923</a>
Cytogenetics:	2q37.1
Protein Families:	Druggable Genome
Protein Pathways:	Folate biosynthesis, Metabolic pathways



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**MW:** 56.81 kDa

**Gene Summary:** There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut. [provided by RefSeq, Dec 2014]