

## Product datasheet for **RC205943L2V**

### Albumin (ALB) (NM\_000477) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Albumin (ALB) (NM_000477) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Albumin
Synonyms:	FDAHT; HSA; PRO0883; PRO0903; PRO1341
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000477
ORF Size:	1827 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205943).
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_000477.3</a>
RefSeq Size:	2215 bp
RefSeq ORF:	1830 bp
Locus ID:	213
UniProt ID:	<a href="#">P02768</a>
Cytogenetics:	4q13.3
Domains:	ALBUMIN
Protein Families:	Secreted Protein



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**MW:** 69.37 kDa

**Gene Summary:** This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]