

Product datasheet for **RC221293L4V**

CRISP1 (NM_170609) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CRISP1 (NM_170609) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CRISP1
Synonyms:	AEGL1; ARP; CRISP-1; HEL-S-57; HSCRISP1D; HSCRISP1G; HUMARP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_170609
ORF Size:	534 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221293).
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_170609.1
RefSeq Size:	1803 bp
RefSeq ORF:	537 bp
Locus ID:	167
UniProt ID:	P54107
Cytogenetics:	6p12.3
MW:	18.2 kDa



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Gene Summary:

Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. It is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head, where it plays a role in sperm-egg fusion. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]