

Product datasheet for **RC205000L4V**

JWA (ARL6IP5) (NM_006407) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	JWA (ARL6IP5) (NM_006407) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JWA
Synonyms:	addicisin; DERP11; GTRAP3-18; hp22; HSPC127; jmx; JWA; PRAF3; Yip6b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006407
ORF Size:	564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205000).
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_006407.3
RefSeq Size:	2135 bp
RefSeq ORF:	567 bp
Locus ID:	10550
UniProt ID:	O75915
Cytogenetics:	3p14.1
Protein Families:	Transmembrane
MW:	21.4 kDa



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Gene Summary:

Expression of this gene is affected by vitamin A. The encoded protein of this gene may be associated with the cytoskeleton. A similar protein in rats may play a role in the regulation of cell differentiation. The rat protein binds and inhibits the cell membrane glutamate transporter EAAC1. The expression of the rat gene is upregulated by retinoic acid, which results in a specific reduction in EAAC1-mediated glutamate transport. [provided by RefSeq, Jul 2008]