

Product datasheet for RC205000L3

OriGene Technologies, Inc.

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JWA (ARL6IP5) (NM_006407) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: JWA (ARL6IP5) (NM_006407) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: JWA

Synonyms: addicsin; DERP11; GTRAP3-18; hp22; HSPC127; jmx; JWA; PRAF3; Yip6b

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clo

Sequence:

The ORF insert of this clone is exactly the same as(RC205000).

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_006407

ORF Size: 564 bp



JWA (ARL6IP5) (NM_006407) Human Tagged Lenti ORF Clone - RC205000L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 006407.3</u>

 RefSeq Size:
 2135 bp

 RefSeq ORF:
 567 bp

 Locus ID:
 10550

 UniProt ID:
 075915

 Cytogenetics:
 3p14.1

Protein Families: Transmembrane

MW: 21.4 kDa

Gene Summary: Expression of this gene is affected by vitamin A. The encoded protein of this gene may be

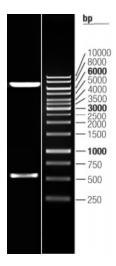
associated with the cytoskeleton. A similar protein in rats may play a role in the regulation of cell differentiation. The rat protein binds and inhibits the cell membrane glutamate

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]



Product images:



Double digestion of RC205000L3 using Sgfl and Mlul $\,$