

Product datasheet for RC205543L4

OriGene Technologies, Inc.

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AKAP associated Sperm Protein (ROPN1L) (NM_031916) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: AKAP associated Sperm Protein (ROPN1L) (NM_031916) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: AKAP associated Sperm Protein

Synonyms: ASP; RSPH11

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

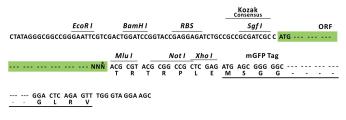
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205543).

Sequence:

s: Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_031916

ORF Size: 690 bp





AKAP associated Sperm Protein (ROPN1L) (NM_031916) Human Tagged Lenti ORF Clone – RC205543L4

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 031916.2</u>

 RefSeq Size:
 1093 bp

 RefSeq ORF:
 693 bp

 Locus ID:
 83853

 UniProt ID:
 Q96C74

Cytogenetics: 5p15.2

MW: 26.2 kDa

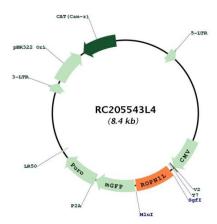
Gene Summary: This gene encodes a member of the ropporin family. The encoded protein is present in

sperm and interacts with A-kinase anchoring protein, AKAP3, through the amphipathic helix region of AKAP3. Alternatively spliced transcript variants have been found for this gene.

[provided by RefSeq, Oct 2014]



Product images:



Circular map for RC205543L4