

Product datasheet for RC222295L1V

OriGene Technologies, Inc.

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APXL (SHROOM2) (NM_001649) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: APXL (SHROOM2) (NM_001649) Human Tagged ORF Clone Lentiviral Particle

Symbol: APXL

Synonyms: APXL; HSAPXL

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK
ACCN: NM 001649

ORF Size: 4848 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC222295).

Sequence:
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.

RefSeg: NM 001649.2

RefSeq Size: 7445 bp RefSeq ORF: 4851 bp

Locus ID: 357

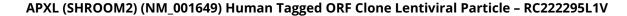
UniProt ID: Q13796

Cytogenetics: Xp22.2

Protein Families: Druggable Genome

MW: 176.2 kDa







Gene Summary:

This gene represents the human homolog of Xenopus laevis apical protein (APX) gene, which is implicated in amiloride-sensitive sodium channel activity. It is expressed in endothelial cells and facilitates the formation of a contractile network within endothelial cells. Depletion of this gene results in an increase in endothelial sprouting, migration, and angiogenesis. This gene is highly expressed in the retina, and is a strong candidate for ocular albinism type 1 syndrome. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]