

Product datasheet for RC214456L4

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STARD13 (NM_178007) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: STARD13 (NM 178007) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: STARD13

ARHGAP37; DLC2; GT650; LINC00464 Synonyms:

Mammalian Cell Puromycin

Selection:

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

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

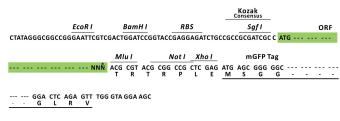
The ORF insert of this clone is exactly the same as(RC214456). **ORF Nucleotide**

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:





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

ACCN: NM_178007

ORF Size: 3315 bp





STARD13 (NM_178007) Human Tagged Lenti ORF Clone - RC214456L4

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 178007.2</u>

 RefSeq Size:
 5836 bp

 RefSeq ORF:
 3318 bp

 Locus ID:
 90627

 UniProt ID:
 Q9Y3M8

Cytogenetics: 13q13.1-q13.2

MW: 123.9 kDa

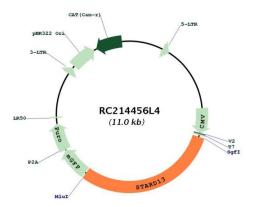
Gene Summary: This gene encodes a protein which contains an N-terminal sterile alpha motif (SAM) for

protein-protein interactions, followed by an ATP/GTP-binding motif, a GTPase-activating protein (GAP) domain, and a C-terminal STAR-related lipid transfer (START) domain. It may be involved in regulation of cytoskeletal reorganization, cell proliferation, and cell motility, and acts as a tumor suppressor in hepatoma cells. The gene is located in a region of chromosome 13 that is associated with loss of heterozygosity in hepatocellular carcinomas. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

[provided by RefSeq, Aug 2011]



Product images:



Circular map for RC214456L4