

## Product datasheet for RC224916L3

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## SH3MD2 (SH3RF1) (NM\_020870) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: SH3MD2 (SH3RF1) (NM 020870) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: SH3MD2

**Synonyms:** POSH; RNF142; SH3MD2

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 clone is exactly the same as(RC224916).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_020870

ORF Size: 2664 bp





#### SH3MD2 (SH3RF1) (NM\_020870) Human Tagged Lenti ORF Clone - RC224916L3

**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 020870.3</u>

 RefSeq Size:
 5265 bp

 RefSeq ORF:
 2667 bp

 Locus ID:
 57630

 UniProt ID:
 Q7Z6]0

Cytogenetics: 4q32.3-q33

**MW:** 93.6 kDa

**Gene Summary:** This gene encodes a protein containing an N-terminus RING-finger, four SH3 domains, and a

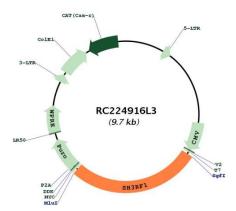
region implicated in binding of the Rho GTPase Rac. Via the RING-finger, the encoded protein has been shown to function as an ubiquitin-protein ligase involved in protein sorting at the trans-Golgi network. The encoded protein may also act as a scaffold for the c-Jun N-terminal

kinase signaling pathway, facilitating the formation of a functional signaling module.

[provided by RefSeq, Jul 2008]



# **Product images:**



Circular map for RC224916L3