

## Product datasheet for **RC224916L4V**

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

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	SH3MD2
<b>Synonyms:</b>	POSH; RNF142; SH3MD2
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_020870
<b>ORF Size:</b>	2664 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC224916).

**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.

<b>RefSeq:</b>	<a href="#">NM_020870.3</a>
<b>RefSeq Size:</b>	5265 bp
<b>RefSeq ORF:</b>	2667 bp
<b>Locus ID:</b>	57630
<b>UniProt ID:</b>	<a href="#">Q7Z6J0</a>
<b>Cytogenetics:</b>	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]