

Product datasheet for SC126397

SH3MD2 (SH3RF1) (BC053671) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3MD2 (SH3RF1) (BC053671) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3RF1
Synonyms:	FLJ21602; KIAA1494; plenty of SH3 domains; plenty of SH3s; POSH; ring finger protein 142; RNF142; SH3 domain containing ring finger 1; SH3 multiple domains 2; SH3MD2
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC053671 edited

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5' Read Nucleotide Sequence:

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>OriGene 5' read for BC053671 unedited
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TAAATTCACCAAAGGGGACATTCTTTTTTGCAGAAACAG

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Restriction Sites:

NotI-NotI

ACCN:

BC053671

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [BC053671.1](#), [AAH53671.1](#)

RefSeq Size: 5668 bp

Locus ID: 57630

Cytogenetics: 4q32.3-q33

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]