

# Recombinant Human SH3RF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SH3RF1-3097H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	SH3RF1 MS Standard C13 and N15-labeled recombinant protein (NP_065921) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	93.6 kDa
<b>AA Sequence</b>	MDESALLDLLECPVCLERLDASAKVLPQCQHTFCKRCLLGIVGSRNELRCPECRTLVG SGVEELPSNILLVRLLDGIKQRPWKPGPGGGSGTNCTNALRSQSSTVANCSSKDLQ SSQGGQQPRVQSWSPVVRGIPQLPCAALYNYEGKEPGDLKFSKGDIIILRRQVDE NWYHGEVNGIHGFFPTNFVQIIKPLPQPPQCKALYDFEVKDKEADKDCLPFAKDDV LTVIRRVNENWAEGLADKIGIFPISYVEFNSSAAKQLIEWDKPPVPGVDAGECASSAAA QSSTAPKHSSTTKKNTKRRHSFTSLTMANKSSQASQNRHSMEISPPVLISSSNPTAAA RISELSGLSCSAPSQVHISTTGLIVTPPPSSPVTTGPSFTFPDVPYQAALGTLNPLP

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PPPLLAATVLA STPPGATAAAAAAGMGRPMAGSTDQIAHLRPQTRPSVYVAIYPY  
 PRKEDELELRKGEMFLVFERCQDGWFKGTSMHTSKIGVFPGNVYVAPVTRAVTNAS  
 QAKVPMSTAGQTSRGVTMVSPSTAGGPAQKLQGNVAGSPSVVPAAVVSAHHIQT  
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 LSHHSLASPQPAPLMPGSATHTAAISISRASAPLACAAAAPLTPSITSASLEAEP  
 RIVTVLPGLPTSPDSASSACGNSSATKPKDKSKKEKKGLLKLKSGASTKRKPRVSP  
 ASPTLEVELGSAELPLQGAVGPELPPGGGHGRAGSCPVDGDGPVTTAVAGAALAQ  
 DAFHRKASSLDSAVPIAPPPRQACSSLGPVLNESRPVVCERHRVVSYPPQSEAE  
 ELKEGDIVFVHKKREDGWFKGTLQRNGKTGLFPGSFVENITRTRPLEQKLISEEDLA  
 ANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** SH3RF1 SH3 domain containing ring finger 1 [ Homo sapiens (human) ]

**Official Symbol** SH3RF1

**Synonyms** SH3RF1; SH3 domain containing ring finger 1; SH3 multiple domains 2, SH3MD2; E3 ubiquitin-protein ligase SH3RF1; KIAA1494; plenty of SH3 domains; POSH; RNF142; plenty of SH3s; SH3 multiple domains 2; ring finger protein 142; SH3 multiple

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domains protein 2; SH3 domain-containing RING finger protein 1; putative E3 ubiquitin-protein ligase SH3RF1; SH3MD2; FLJ21602;

**Gene ID** 57630

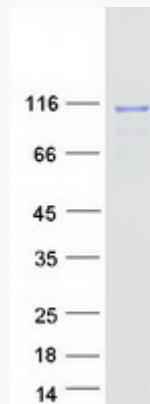
**mRNA Refseq** NM\_020870

**Protein Refseq** NP\_065921

**MIM** 618642

**UniProt ID** Q7Z6J0

**SDS-PAGE**



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