

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

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

SPECIFICATION

Product Overview	SH3RF1 MS Standard C13 and N15-labeled recombinant protein (NP_065921) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	93.6 kDa
AA Sequence	MDESALLDLLECPVCLERLDASAKVLPCQHTFCKRCLLGIVGSRNELRCPECRTLVG SGVEELPSNILLVRLLDGIKQRPWKPGPGGGSGTNCTNALRSQSSTVANCSSKDLQ SSQGGQQPRVQSWSPVVRGIPQLPCAALYNYEGKEPGDLKFSKGDIIILRRQVDE NWYHGEVNGIHGFFPTNFVQIIKPLPQPPPQCKALYDFEVKDKEADKDCLPFAKDDV LTVIRRVNENWAEGLADKIGIFPISYVEFNSSAAKQLIEWDKPPVPGVDAGECASSAAA QSSTAPKHSDTKKNTKKRHSFTSLTMANKSSQASQNRHSMEISPPVLISSSNPTAAA RIEISGLSCSAPSQVHISTTGLIVTPPPSSPVTTGPSFTFPDVPYQAALGTLPPLP

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PPPLAATVLA STPPGATAAAAAAGMGRPMAGSTDQIAHLRPQTRPSVYVAIYPY
 PRKEDELELRKGEMFLVFERCQDGWFKGTSMHTSKIGVFPGNYVAPVTRAVTNAS
 QAKVPMSTAGQTSRGVTMVSPSTAGGPAQKLQGNGVAGSPSVVPAAVVSAAHQIT
 SPQAKVLLHMTGQMTVNQARNAVRTVAAHNQERPTAAVTPIQVQNAAGLSPASVG
 LSHHSLASPQPAPLMPGSATHTAAISISRASAPLACAAAAPLTSPSITSASLEAEP
 SG RIVTVLPGLPTSPDSASSACGNSSATKPKDKSKKEKKGLLKLKSGASTKRKPRVSP
 P ASPTLEVELGSAELPLQGAVGPELPPGGGHGRAGSCPVDGDGPVTTAVAGAALAQ
 DAFHRKASSLDSAVPIAPPPRQACSSLGPVLNESRPVVCERHRVVSYPPQSEAE
 L 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

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